

Description

The present invention relates to a luggage case of the type that comprises two shells, each shell having a peripheral side wall, the side walls forming the front, back and end walls of the case, the two shells being hinged together at the back wall and having latches for releasably fastening the edges of the case together when the case is closed.

In the conventional luggage case two latches are provided on the front wall of the case. However with cases of this type, which do not have a metal frame running all the way round the case, there is a tendency for the case to gape along the end edges when the case is overfilled or when a heavy load is placed in the centre of the lid of the case, for example when someone sits on the case. This is undesirable not only because small items of luggage may fall out of the case but also because it is impossible to provide an effective seal between the shells to keep out dirt and water.

On some known cases auxiliary latches are provided halfway along the end walls of the case to prevent gaping. However such latches are difficult to reach from the front of the case for fastening and unfastening particularly on large cases and therefore are inconvenient to use.

We have found that a surprising improvement in resistance to gaping over the known case with two latches on the front wall can be achieved if latches are located at the front of the end walls of the case or at the corners between the front and end walls of the case.

A case in which latches are located at the front of the end walls is known from US-A-3967708. FR-A-2526401 describes a luggage case having two shells, the edge of one of said shells carrying an elastomeric strip extending around the periphery of the shell such that when the case is closed the strip is clamped between the rims of the two shells to form a seal.

A luggage case according to the invention comprises a luggage case comprising two shells, each shell having a peripheral side wall, the side walls forming the front, back and end walls of the case, the two shells being hinged together at the back walls and having latches for releasably fastening the edges of the shells together when the case is closed, two latches being located at the front of the end walls or at the corners between the front and end walls of the case, characterised in that an elastomeric strip is provided along the edge of one of the shells, the strip extending around the periphery of the shell edge, and in that when the case is closed, the elastomeric strip is clamped between the rims of the two shells to form a seal, the latches engaging across and to the outside of the sealing strip when the latches are fastened.

By locating the latches where they will prevent gaping a seal around the entire edge of the case can be achieved. Preferably the seal is dust and water resistant so that when, for example, the case is placed on a roof rack on top of a car, water will not penetrate the case when the car is driven through rain.

An embodiment of the invention will now be described by way of example with reference to the accompanying drawings of which:

Figure 1 shows a perspective view of a suitcase in accordance with the invention standing in an upright position on its back wall;

Figure 2 shows an end elevation of the suitcase of Figure 1;

Figure 3 shows an underneath plan view of the suitcase of Figure 1;

Figure 4 shows a section on the line 4-4 of Figure 1 on an enlarged scale;

Figure 5 shows a section on the line 5-5 of Figure 1 on an enlarged scale;

Figure 6 shows a fragmentary end view of the suitcase of Figure 1 on an enlarged scale showing a latch;

Figure 7 shows a view similar to Figure 6 but with the latch in the open position;

Figure 8 shows a section on the line 8-8 of Figure 6;

Figure 9 shows a section on the line 8-8 of Figure 6 with the latch in the open position;

Figure 10 shows a section on the line 10-10 of Figure 6;

Figure 11 shows a section on the line 11-11 of Figure 6 with the latch in the open position; and

Figure 12 shows a perspective view of the case of Figure 1 from behind the back wall.

A suitcase 11 is formed as two shells 12 and 13 moulded from plastics material. One shell 12 constitutes the lid and comprises a top wall 14 and a peripheral side wall 15. The other shell constitutes the base and comprises a bottom wall 16 and a peripheral side wall 17. The side walls 15 and 17 together form the front wall 18, back wall 19 and end walls 20 of the suitcase.

A carrying handle 21 is mounted on the front wall of the base shell 13 and feet 22 are moulded on the back wall 19 of both shells for standing the suitcase in the upright position of Figure 1.

The two shells 12 and 13 are connected together by a hinge 23 (see Figure 12) along the back wall so that the shells can be pivoted relative to one another between an open position in which the interior of the case is accessible and a closed position in which the contents of the case are enclosed within the shells. Three latches 24, 25 and 26 are provided for securing the edges of the case together when the case is closed.

As can be seen from Figures 1 and 2 the side wall of the base shell 13 is deeper at the back and end walls than at the front. At the front the side wall of the base shell 13 extends to just over half the overall height of the case whereas at the end walls and back wall the height of the side wall is about three quarters the overall height of the case. The greater height at the ends and back prevents the contents of the case spilling out when the case is opened whereas the lower front of the side wall of the base means that the carrying handle 21 can be fixed at the edge of the base shell 13 and yet lie on the centre-line of the front wall of the case.

As can be seen in Figure 3 front portions 27 of the end walls of the case slope inwardly toward the front of the case. Two of the latches 24 and 25 are mounted on this front portion 27. The other latch 26 is mounted halfway along the front wall of the case. It is also in the region of the front portion 27 that the depth of the side walls of the base increases from the front wall to the end walls.

Figure 4 shows the construction of the edges of the shells 12 and 13. At its edge the base shell 13 is formed with an inner lip 29 and an outer lip 30 with an open channel 31 between them. The inner and outer lips are joined at the bottom of the channel 31 to the peripheral side wall of the base shell. The inner lip 29 projects beyond the outer lip 30. Similarly the lid shell 12 is formed at its edge with an inner lip 32 and an outer lip 33 with a channel 34 between, the inner and outer lips being joined together at bottom of the channel 34 to the rest of the peripheral side wall 15. The inner lip 32 projects beyond the outer lip 33 by a distance greater than the projection of the lip 29 beyond the outer lip. The edges of the shells are configured so that the inner lip 32 of the lid shell 12 is aligned with and fits into the channel 31 in the edge of the base shell and the outer lips 33 and 30 are aligned with each other.

A hollow tubular sealing strip 35 of rubber or other elastomeric material has an integral longitudinal mounting flange 36 projecting along its entire length. The mounting flange is a force fit in the channel 34 and the hollow tubular portion of the sealing strip sits on the edge of the outer lip 33 of the lid shell 12.

When the case is closed the inner lip of the lid shell 12 enters the channel 31 between the inner and outer lips that form the edge of the base shell. The hollow tubular portion of the sealing strip 35 is squashed between the edges of the outer lips 33 and 30 of the lid shell and base shell to form a seal against the ingress of dirt and water to the case.

It will be noted that the sealing strip 35 is visible when the case is closed. The strip may be coloured to contrast with the colours of the shell to give the case a pleasing aesthetic appearance. The

strip is designed to be of greater thickness than the gap between the lips 30 and 33 so that is compressed when the case is closed. With this arrangement the sealing strip will take up variations in the spacing of the lips 30 and 33 due to manufacturing tolerances. For example, the strip may be 2mm thicker than the gap between the outer lips 30 and 33 of the base and lid shells.

As can be seen in Figure 4, a metal strip 185 is secured to the inside of the base shell 13 along the edge of the front wall. The strip extends substantially along the whole length of the front wall of the case but terminates at the corners. The latches 24 and 25 in this embodiment are not fastened to the strip 185 but are spaced a short distance away from the ends of the strip. The strip has a flat central web portion 186 with two V-shaped ribs 187 running its edges to provide stiffness. The strip is mounted with its flat web portion against the inner surface of the inner lip 29. The strip 185 serves to stiffen the front edge of the case to prevent gaping. It also reinforces the case in the region where the central latch 26 and the carrying handle 21 are attached. The strip distributes the load on the shell of the case along the length of the front wall when the case is being carried.

Figure 5 shows how the carrying handle 21 is secured to the case. Two mounting brackets 38 carry cylindrical stub shafts 39 which fit into holes 40 in the ends of the handle 21 so that the handle can pivot about the stub shafts 39. The handle 21 may be formed of soft pliable plastics material moulded over a metal core, the stub shafts 39 fitting into holes in the ends of the metal core. A cylindrical projection 41 on the underside of each mounting bracket 38 fits into a hole 42 moulded into the outer lip 30 of the base shell 13. Self tapping screws 43 pass from inside the case through holes in the metal strip 35, through holes in the inner lip 29 of the base shell and into bores in cylindrical projections 41 of the mounting brackets, this securing the handle to the outside of the base shell and the metal strip to the inside of the base shell.

The central latch 26 is located in a gap 44 in the outer lip 30 and secured to the base shell by self tapping screws 45 passing through the metal strip 185 and the inner lip 29 of the base shell 13.

The latch 24 is shown in detail in Figures 6 to 11.

A metal mounting plate 50 is secured to the inner lip 29 of the base shell by self tapping screws 51, there being a gap in the outer lip 30 to accommodate the latch 24. One edge of the plate 50 is bent up to form an upstanding portion 52 and curved over at the top to provide a bearing sleeve 53. A latch member 54 is coupled to the mounting plate by two U-shaped links 55, one leg 56 of each

link being inserted into the bearing sleeve 53 the other leg 57 being inserted through holes in webs 58 on the underside of the latch member 54. Thus the U-shaped links 55 can pivot about the axis of the bearing sleeve 53 and the latch member 54 can pivot on the links 55 about the axis of the holes in the webs 58. Two stops 59 bent from the upstanding portion 52 of the mounting plate 50 prevent the U-shaped links 55 falling out after they have been inserted.

A catch 60 is pivotally mounted on those legs 57 of the U-shaped links 55 that pass through the webs 58 on the latch member 54. The edge of the mounting plate 50 opposite the upstanding portion 52 is bent upwards and then outwards to form a lip 61 spaced above the base plane of the mounting plate 50. When the latch 24 is closed a hook-like portion 62 of the catch 60 engages under the lip 61 to hold the latch closed.

A spring 70 is coiled first at 71 around the leg 56 of one of the U-shaped links 55, and then, at 72, around the limb 57 of the same link. One end 73 of the spring bears against the upstanding portion 52 of the mounting plate 50, the other end 74 bears against the catch 60 so that the links 55 are biased to turn in a clockwise direction about the bearing sleeve 53 as viewed in Figure 8 and 9 and the catch 60 is biased to turn in an anti-clockwise direction about the limb 57 of the U-shaped link.

The catch 60 has a projection 75 which engages the underside of the latch member 54. As the catch 60 is biased in an anti-clockwise direction so the projection 75 causes the latch member 54 to be biased in an anti-clockwise direction about the leg 57 of the link 55. Movement of the latch member 54 in an anti-clockwise direction relative to the link 55 is limited by the base portions 76 of the links engaging a stop surface 77 on the underside of the plate. Movement of the link 55 about the bearing sleeve 53 is limited by the base portions 76 of the links 55 engaging a part 78 of the upstanding portion 52 of the mounting plate 50. Thus when released the latch 24 will assume the position shown in Figures 7 and 9.

For securing the latch in the closed position a bolt 80 is provided. The elongate D-ended bolt 80 is a sliding fit in a longer elongate D-ended recess 81 in the upper surface of the latch member 54. A hook 82 projecting from the underside of the bolt passes through a hole 83 in the floor of the recess 81. A spring clip 84 engages in slots in the sides of the hook and serves to retain the bolt 80 in the recess 81. The clip 84 has a ridge 85 on one end which is engagable in a respective one of two recesses 86 and 87 in the underside of the plate 54 at either end of the sliding travel of the bolt 80 so as to locate the bolt and prevent it being moved accidentally. A raised ridged portion is formed on

the upper side of the latch to form a grip.

A bracket 90 is struck out of the mounting plate 50. When the latch is in the closed position the bolt 80 can be slid to the position shown in Figures 6 and 10. The hook 82 on the bolt engages beneath the bracket 90 preventing the latch being released even when the catch 60 is released. The ridge 85 on the spring clip 84 engages the recess 87 to prevent the bolt accidentally moving from the locked position. The bolt can however be moved by pushing the bolt manually on the gripping ridged portion to move the bolt into the unlocked position shown in Figure 7. In this position the hook 82 is removed from beneath the bracket 90 so that the latch can be released when the catch 60 is released. The ridge on the spring clip engages the recess 86 to hold the bolt in the unlocked position.

The latch member 54 has a hook-like portion 91 extending along the whole length of the edge remote from the U-shaped links. In the region of the latch 24 the base shell 13 has no outer lip 30 but an upright projection 92 extends from the inner lip to provide the surface against which the sealing strip 35 on the lid shell 12 is pressed when the case is closed. In the region of the latch the inner lip 32 of the lid shell 12 is cut back so that it does not project beyond the sealing strip 35 since in this region there is no channel 31 in the edge of the base shell for receiving the inner lip of the lid. Behind the edge moulding of the lid a recess 93 is formed for receiving the hook portion 91 of the latch member 54.

To fasten the latch 24 starting from the position shown in Figure 6 one proceeds as follows. The two shells 12 and 13 of the case are brought together and the latch member 54 is rotated in a clockwise direction against the action of the spring 70 to engage the hook portion 91 in the recess 93. The end of the latch member adjacent the links 55 is then pressed towards the case, the links 55 pivoting in an anti-clockwise direction against the action of the spring and the latch member 54 pulling the two shells tightly together as the links 55 rotate with a toggle action. As the latch member 54 approached the mounting bracket 50 as bevelled leading edge 94 of the hook portion of the catch 60 engages the lip 61 causing the catch 60 to rotate in a clockwise direction about the axis of the legs 57 against the action of the spring 70 so that the hook portion 62 can pass the lip 61. Once the hook portion 61 is past the lip 61 the action of the spring 70 causes the catch 60 to return in the anti-clockwise direction for the hook portion 62 to engage below the lip 61 thus holding the latch in the closed position.

If the bolt 80 is in the locked position at the beginning of this operation, that is with the ridge in the recess 86, the bracket 90 will engage an in-

clined leading surface 95 on the hook portion 82 of the bolt forcing the bolt to move into the unlocked position.

Once the latch 24 is closed it may be secured by sliding the bolt 80 into the locked position shown in Figure 6 and 10.

To release the latch the bolt 80 is first slid to the unlocked position. Then the catch 60 is rotated in the clockwise direction against the action of the spring 70. For this purpose a rib 96 is provided on the catch 60. The rib extends axially along the length of the catch and projects into a cut-out portion 97 in the edge of the latch member 54. Squeezing the rib 96 towards the main body of the latch member 54 causes the catch to rotate clockwise releasing the hook portion 62 from under the lip 61 so that the latch member can pivot away from the case into the position shown in broken line in Figure 8. From this position the hook portion 91 of the latch member can be released from the recess 93.

It will be noted that the latch member 54 has an asymmetrical shape. This shape permits the mounting bracket 50 and hook portion 91 to be aligned with the sloping edge of the case shells in the region when the depth of the side wall of the base shell increases from the front to the end walls whilst ensuring that the side edges of the latch member 54 are vertical relative to the bottom wall of the case.

The latch 25 is a mirror image of the latch 24 but identical in all other respects. The central latch 26 is constructed in a similar manner except that instead of a sliding bolt 80, the central latch 26 has a rotary key-operated catch for engaging under a bracket corresponding to the bracket 90 to lock the latch in the closed position.

The latches 24 and 25 prevent gaping of the edges of the shells at the ends of the case when the case is overfilled or when a large load is placed on the case. These latches are however easy to reach from the front of the case. By providing sliding bolts rather than key operated locks to secure the latches 24 and 25 in the closed position, and only a key operated lock on the central latch 26, the case takes no longer to open than a case with two key operated locks in the conventional position.

The sealing strip 35 extends around the whole periphery of the case. It is not interrupted in the region of the latches. When fastened, the latches extend across and to the outside of the sealing strip 35. Thus, when the case is closed and fastened, the strip 35 forms a continuous seal around the case.

Claims

1. A luggage case (11) comprising two shells (12, 13), each shell having a peripheral side wall (15, 17), the side walls forming the front (18), back (19) and end walls (20) of the case, the two shells (12, 13) being hinged together at the back walls (19) and having latches (24, 25, 26) for releasably fastening the edges of the shells together when the case (11) is closed, two latches (24, 25) being located at the front of the end walls (20) or at the corners between the front and end walls (20) of the case, characterised in that an elastomeric strip (35) is provided along the edge of one of the shells (12), the elastomeric strip extending around the periphery of the shell edge, and in that when the case is closed, the elastomeric strip (35) is clamped between the rims of the two shells (12, 13) to form a seal, the latches (24, 25, 26) engaging across and to the outside of the sealing strip (35) when the latches (24, 25, 26) are fastened.
2. A luggage case according to Claim 1, characterised in that the elastomeric strip (35) is hollow.
3. A luggage case according to Claim 1 or 2, characterised in that the elastomeric strip (35) is compressed between the shells when the case is closed.
4. A luggage case according to Claim 1, characterised in that the edges of the shells include at least outer lips (30 and 33) and the elastomeric strip (35) is clamped between the outer lips (30 and 33) when the case is closed.
5. A luggage case according to Claims 1, 2 or 4, characterised in that the elastomeric strip comprises a tubular portion and a longitudinal mounting flange (36) projecting from the tubular portion along its entire length, and in that the edge of the shell (12) carrying the elastomeric strip is formed with an inner lip (32) and an outer lip (33) with an open channel (34) therebetween, the flange (36) of the elastomeric strip (35) engaging tightly in the channel (34) to secure the strip to the shell.
6. A luggage case according to Claim 5, characterised in that the inner lip (32) of the shell (12) carrying the elastomeric strip (35) extends beyond the outer lip (33) of the shell, and in that the edge of the other shell (13) is formed with an inner lip (29) and an outer lip (30) with an open channel (31) therebetween, in use, when



clined leading surface 95 on the hook portion 82 of the bolt forcing the bolt to move into the unlocked position.

Once the latch 24 is closed it may be secured by sliding the bolt 80 into the locked position shown in Figure 8 and 10.

To release the latch the bolt 80 is first slid to the unlocked position. Then the catch 60 is rotated in the clockwise direction against the action of the spring 70. For this purpose a rib 96 is provided on the catch 60. The rib extends axially along the length of the catch and projects into a cut-out portion 97 in the edge of the latch member 54. Squeezing the rib 96 towards the main body of the latch member 54 causes the catch to rotate clockwise releasing the hook portion 62 from under the lip 61 so that the latch member can pivot away from the case into the position shown in broken line in Figure 8. From this position the hook portion 91 of the latch member can be released from the recess 93.

It will be noted that the latch member 54 has an asymmetrical shape. This shape permits the mounting bracket 50 and hook portion 91 to be aligned with the sloping edge of the case shells in the region when the depth of the side wall of the base shell increases from the front to the end walls whilst ensuring that the side edges of the latch member 54 are vertical relative to the bottom wall of the case.

The latch 25 is a mirror image of the latch 24 but identical in all other respects. The central latch 26 is constructed in a similar manner except that instead of a sliding bolt 80, the central latch 26 has a rotary key-operated catch for engaging under a bracket corresponding to the bracket 90 to lock the latch in the closed position.

The latches 24 and 25 prevent gaping of the edges of the shells at the ends of the case when the case is overfilled or when a large load is placed on the case. These latches are however easy to reach from the front of the case. By providing sliding bolts rather than key operated locks to secure the latches 24 and 25 in the closed position, and only a key operated lock on the central latch 26, the case takes no longer to open than a case with two key operated locks in the conventional position.

The sealing strip 35 extends around the whole periphery of the case. It is not interrupted in the region of the latches. When fastened, the latches extend across and to the outside of the sealing strip 35. Thus, when the case is closed and fastened, the strip 35 forms a continuous seal around the case.

Claims

1. A luggage case (11) comprising two shells (12, 13), each shell having a peripheral side wall (15, 17), the side walls forming the front (18), back (19) and end walls (20) of the case, the two shells (12, 13) being hinged together at the back walls (19) and having latches (24, 25, 26) for releasably fastening the edges of the shells together when the case (11) is closed, two latches (24, 25) being located at the front of the end walls (20) or at the corners between the front and end walls (20) of the case, characterised in that an elastomeric strip (35) is provided along the edge of one of the shells (12), the elastomeric strip extending around the periphery of the shell edge, and in that when the case is closed, the elastomeric strip (35) is clamped between the rims of the two shells (12, 13) to form a seal, the latches (24, 25, 26) engaging across and to the outside of the sealing strip (35) when the latches (24, 25, 26) are fastened.
2. A luggage case according to Claim 1, characterised in that the elastomeric strip (35) is hollow.
3. A luggage case according to Claim 1 or 2, characterised in that the elastomeric strip (35) is compressed between the shells when the case is closed.
4. A luggage case according to Claim 1, characterised in that the edges of the shells include at least outer lips (30 and 33) and the elastomeric strip (35) is clamped between the outer lips (30 and 33) when the case is closed.
5. A luggage case according to Claims 1, 2 or 4, characterised in that the elastomeric strip comprises a tubular portion and a longitudinal mounting flange (36) projecting from the tubular portion along its entire length, and in that the edge of the shell (12) carrying the elastomeric strip is formed with an inner lip (32) and an outer lip (33) with an open channel (34) therebetween, the flange (36) of the elastomeric strip (35) engaging tightly in the channel (34) to secure the strip to the shell.
6. A luggage case according to Claim 5, characterised in that the inner lip (32) of the shell (12) carrying the elastomeric strip (35) extends beyond the outer lip (33) of the shell, and in that the edge of the other shell (13) is formed with an inner lip (29) and an outer lip (30) with an open channel (31) therebetween, in use, when



the case is closed, the inner lip (32) of the shell (12) carrying the elastomeric strip (35) entering the channel (31) between the inner (29) and outer (30) lips of the other shell (13), the tubular portion of the elastomeric strip (35) being clamped between the outer lips (30, 33) of the shells.

7. A luggage case according to Claim 6, characterised in that the latches (24, 25, 26) are mounted on one of the shells (13), and the elastomeric strip (35) is mounted on the other (12) of the shells.

8. A luggage case according to Claim 7, characterised in that in the regions of the latches there is no outer lip (30) on the shell carrying the latches (24, 25, 26), an upright projection (92) instead extending from the inner lip (29) in the regions of the latches to provide a surface to clamp the elastomeric strip (35).

9. A luggage case according to any of Claims 1 to 8, characterised in that a reinforcing strip (85) is secured to one of the shells (13) along the front walls (18).

Patentansprüche

1. Reisekoffer (11), der zwei Schalen (12,13) umfaßt, wobei jede Schale eine Umfangsseitenwand (15,17) aufweist, wobei die Seitenwände die Vorder- (18), Rück- (19) und Stirnwände (20) des Koffers bilden, wobei die beiden Schalen (12,13) an den Rückwänden (19) gelenkig miteinander verbunden sind und Verschlüsse (24,25,26) zum lösbaren Befestigen der Kanten der Schalen aneinander aufweisen, wenn der Koffer (11) geschlossen ist, wobei zwei Verschlüsse (24,25) an der Vorderseite der Stirnwände (20) oder an den Ecken zwischen der Vorderwand und den Stirnwänden (20) des Koffers angeordnet sind, dadurch gekennzeichnet, daß ein Elastomerstreifen (35) an der Kante einer der Schalen (12) vorhanden ist, wobei sich der Streifen um den Umfang der Schalenkante herum erstreckt, und daß, wenn der Koffer geschlossen ist, der Elastomerstreifen (35) zwischen den Rändern der beiden Schalen (12,13) eingeklemmt ist und eine Dichtung bildet, wobei die Verschlüsse (24,25,26) über dem Dichtungsstreifen (35) und außerhalb desselben anliegen, wenn die Verschlüsse (24,25,26) verriegelt sind.

2. Reisekoffer nach Anspruch 1, dadurch gekennzeichnet, daß der Elastomerstreifen (35) hohl ist.

3. Reisekoffer nach Anspruch 1 oder 2, dadurch gekennzeichnet, daß der Elastomerstreifen (35) zwischen den Schalen zusammengedrückt wird, wenn der Koffer geschlossen ist.

4. Reisekoffer nach Anspruch 1, dadurch gekennzeichnet, daß die Kanten der Schalen wenigstens äußere Lippen (30 und 33) enthalten, und daß der Elastomerstreifen (35) zwischen den äußeren Lippen (30 und 33) eingeklemmt ist, wenn der Koffer geschlossen ist.

5. Reisekoffer nach den Ansprüchen 1, 2 oder 4, dadurch gekennzeichnet, daß der Elastomerstreifen einen röhrenförmigen Abschnitt und ein Längsanbringungsflansch (36) umfaßt, der von dem röhrenförmigen Abschnitt über seine gesamte Länge vorsteht, und dadurch, daß die Kante der Schale (12), die den Elastomerstreifen trägt, mit einer inneren Lippe (32) und einer äußeren Lippe (33) mit einer offenen Rinne (4) dazwischen versehen ist, wobei der Flansch (36) des Elastomerstreifens (35) fest in die Rinne (34) eingreift und so den Streifen an der Schale befestigt.

6. Reisekoffer nach Anspruch 5, dadurch gekennzeichnet, daß sich die innere Lippe (32) der Schale (12), die den Elastomerstreifen (35) trägt, über die äußere Lippe (33) der Schale hinaus erstreckt, und dadurch, daß die Kante der anderen Schale (13) mit einer inneren Lippe (29) und einer äußeren Lippe (30) mit einer offenen Rinne (31) dazwischen versehen ist, wobei in Funktion, wenn der Koffer geschlossen wird, die innere Lippe (32) der Schale (12), die den Elastomerstreifen (35) trägt, in die Rinne (31) zwischen der inneren (29) und der äußeren (30) Lippe der anderen Schale (13) eintritt, wobei der röhrenförmige Abschnitt des Elastomerstreifens (35) zwischen den äußeren Lippen (30, 33) der Schalen eingeklemmt wird.

7. Reisekoffer nach Anspruch 6, dadurch gekennzeichnet, daß die Verschlüsse (24, 25, 26) an einer der Schalen (13) angebracht sind, und der Elastomerstreifen (35) an der anderen (12) der Schalen angebracht ist.

8. Reisekoffer nach Anspruch 7, dadurch gekennzeichnet, daß in den Bereichen der Verschlüsse keine äußere Lippe (30) an der Schale vorhanden ist, die die Verschlüsse (24, 25, 26) trägt, wobei sich stattdessen ein aufrechtstehender Vorsprung (92) von der inneren Lippe (29) in den Bereichen der Verschlüsse erstreckt und so eine Fläche zum Einklemmen des Elastomerstreifens (35) bildet.



9. Reisekoffer nach einem der Ansprüche 1 bis 8, dadurch gekennzeichnet, daß eine verstärkende Leiste (85) entlang der Vorderwände (18) an einer der Schalen (13) befestigt ist.

Revendications

1. Valise (11) comprenant deux coques (12, 13), chaque coque possédant une paroi latérale périphérique (15, 17), les parois latérales définissant la paroi avant (18), la paroi arrière (19) et les parois d'extrémité (20) de la valise, les deux coques (12, 13) étant articulées l'une sur l'autre au niveau de la paroi arrière (19) et possédant des verrous (24, 25, 26) destinés à fixer ensemble de manière détachable les bords des coques lorsque la valise (11) est fermée, deux verrous (24, 25) étant placés au niveau de la partie avant des parois d'extrémité (20) ou dans les angles situés entre la paroi avant et les parois d'extrémité (20) de la valise, caractérisée en ce qu'une bande (35) en matière élastomère est placée le long du bord d'une (12) des coques, la bande en matière élastomère s'étendant sur toute la périphérie du bord de la coque, et en ce que lorsque la valise est fermée, la bande (35) en matière élastomère est pincée entre les rebords des deux coques (12, 13) de manière à former un joint d'étanchéité, les verrous (24, 25, 26) pouvant s'engager au-dessus et à l'extérieur de la bande (35) d'étanchéité lorsque les verrous (24, 25, 26) sont fermés.
2. Valise selon la revendication 1, caractérisée en ce que la bande (35) en matière élastomère est creuse.
3. Valise selon la revendication 1 ou 2, caractérisée en ce que la bande (35) en matière élastomère est pincée entre les coques lorsque la valise est fermée.
4. Valise selon la revendication 1, caractérisée en ce que les bords des coques comportent au moins des lèvres externes (30, 33) et la bande (35) en matière élastomère est pincée entre les lèvres externes (30, 33) lorsque la valise est fermée.
5. Valise selon la revendication 1, 2 ou 4, caractérisée en ce que la bande en matière élastomère comprend une partie tubulaire et une aile de montage longitudinale (36) s'étendant à partir de la partie tubulaire sur toute la longueur de celle-ci, et en ce que le bord de la coque (12) portant la bande en matière élastomère comporte une lèvre interne (32) et une lèvre externe (33), un logement ouvert (34) étant délimité entre ces lèvres interne et externe, l'aile (36) de la bande (35) en matière élastomère étant introduite à force dans le logement (34) de manière à fixer la bande à la coque.
6. Valise selon la revendication 5, caractérisée en ce que la lèvre interne (32) de la coque (12) portant la bande (35) en matière élastomère s'étend au-delà de la lèvre externe (33) de la coque, et en ce que le bord de l'autre coque (13) comprend une lèvre interne (29) et une lèvre externe (30), un logement ouvert (31) étant délimité entre ces lèvres interne et externe, et au cours de l'utilisation, lorsque la valise est fermée, la lèvre interne (32) de la coque (12) portant la bande (35) en matière élastomère pénètre dans le logement (31) délimité entre les lèvres interne (29) et externe (30) de l'autre coque (13), la partie tubulaire de la bande (35) en matière élastomère étant pincée entre les lèvres externes (30, 33) des coques.
7. Valise selon la revendication 6, caractérisée en ce que les verrous (24, 25, 26) sont fixés à l'une (13) des coques, et la bande (35) en matière élastomère est fixée à l'autre (12) des coques.
8. Valise selon la revendication 7, caractérisée en ce que dans les zones où se trouvent les verrous, la coque portant les verrous (24, 25, 26) ne comporte pas de lèvre externe (30), une saillie (92) s'étendant par contre à angle droit à partir de la lèvre interne (29) dans les zones où se trouvent les verrous de manière à constituer une surface pour pincer la bande (35) en matière élastomère.
9. Valise selon l'une quelconque des revendications 1 à 8, caractérisée en ce qu'une bande de renfort (85) est fixée à l'une (13) des coques le long de la paroi avant (18).