Summary of the invention

[0005] Hereto the locking assembly is characterized in that a blocking element is provided that

- in a block position prevents the locking mechanism from moving to the lock position,
- and in an unblock position allows the locking mechanism to move to the lock position.

[0006] The blocking element provides the advantage that the locking mechanism remains in the release position when the picklock is moved out of the locking mechanism, e.g. when the door of the galley container is open. This facilitates closing the door as the door can now reach its closed position without the need of pushing the locking mechanism from its lock position to its release position to enable the picklock to enter the locking mechanism.

[0006a] In embodiments, a locking assembly for a galley container is provided, the locking assembly comprising a picklock arranged on a first galley container part, a locking mechanism arranged on a second galley container part for engaging the picklock, the first and second galley container parts being moveable towards and away from each other to close and open the galley container, the locking mechanism being moveable between a release position, wherein the picklock is released from the locking mechanism, and a lock position wherein the locking mechanism can engage the picklock to lock the first container part to the second container part, characterized in that a blocking element is provided that in a block position prevents the locking mechanism from moving to the lock position, and in an unblock position allows the locking mechanism to move to the lock position wherein the locking mechanism comprises a pair of locking elements that in the release position of the locking assembly are positioned away from each other and in the lock position are positioned towards each other, wherein in the block position the blocking element is positioned between these locking elements.

[0007] In ~~a preferred~~ embodiments a locking assembly is provided, wherein the locking mechanism is biased towards the lock position. In such an embodiment the advantage of the blocking element is even bigger, as the locking mechanism will always be in its lock position when the picklock is not in the locking mechanism.

[0008] Another embodiment relates to a locking assembly, ~~wherein the locking mechanism comprises a pair of locking elements that in the release position of the locking assembly are positioned away from each other and in the lock position are positioned towards each other, wherein in the block position the blocking element is positioned between these locking elements.~~ wherein in~~In~~ the release position the locking elements are positioned away from each other to allow the picklock to pass in between the locking elements. In the lock position, the locking elements are positioned relatively close to each other, to prevent the picklock from moving out of the locking mechanism.

[0009] Furthermore, a locking assembly is foreseen, wherein the blocking element is rotatable about a shaft and comprises a first part and a second part, wherein in the block position the first part is positioned in a path of the picklock for entering the locking

Claims

1. Locking assembly ~~(4)~~ for a galley container ~~(2, 3)~~ comprising:

- a picklock ~~(5)~~ arranged on a first galley container part ~~(2)~~,
- a locking mechanism ~~(6)~~ arranged on a second galley container part ~~(3)~~ for engaging the picklock ~~(5)~~, the first and second galley container parts ~~(2, 3)~~ being moveable towards and away from each other to close and open the galley container ~~(2, 3)~~,
- the locking mechanism ~~(6)~~ being moveable between a release position, wherein the picklock ~~(5)~~ is released from the locking mechanism ~~(6)~~, and a lock position wherein the locking mechanism ~~(6)~~ can engage the picklock ~~(5)~~ to lock the first container part ~~(2)~~ to the second container part ~~(3)~~,

~~characterized in that~~ wherein a blocking element ~~(15)~~ is provided that

- in a block position prevents the locking mechanism ~~(6)~~ from moving to the lock position,
- and in an unblock position allows the locking mechanism ~~(6)~~ to move to the lock position, wherein the locking mechanism comprises a pair of locking elements that in the release position of the locking assembly are positioned away from each other and in the lock position are positioned towards each other, wherein in the block position the blocking element is positioned between these locking elements.

2. Locking assembly ~~(4)~~ according to claim 1, wherein the locking mechanism ~~(6)~~ is biased towards the lock position.

~~3. Locking assembly (4) according to any one of the preceding claims, wherein the locking mechanism (6) comprises a pair of locking elements (8a, 8b) that in the release position of the locking assembly (4) are positioned away from each other and in the lock position are positioned towards each other, wherein in the block position the blocking element (15) is positioned between these locking elements (8a, 8b).~~

~~4.~~3. Locking assembly ~~(4)~~ according to any one of the preceding claims, wherein the blocking element ~~(15)~~ is rotatable about a shaft ~~(18)~~ and comprises a first part ~~(17)~~ and

a second part ~~(16)~~, wherein in the block position the first part ~~(17)~~ is positioned in a path of the picklock ~~(5)~~ for entering the locking mechanism ~~(6)~~ and the second part ~~(16)~~ is positioned to block the locking mechanism ~~(6)~~ from moving from the release position to the lock position, wherein in the unblock position the first part ~~(17)~~ is out of the path of the picklock ~~(5)~~ for entering the locking mechanism ~~(6)~~ and the second part ~~(16)~~ is positioned to allow the locking mechanism ~~(6)~~ to move to the lock position.

~~5.~~4. Locking assembly ~~(4)~~ according to one of the preceding claims, wherein the blocking element ~~(15)~~ is biased towards the block position.

~~6.~~5. Locking assembly ~~(4)~~ according to claim ~~5~~4, wherein the locking mechanism ~~(6)~~ comprises a spring element ~~(19)~~ that biases the blocking element ~~(15)~~ towards the block position.

~~7.~~6. Locking assembly ~~(4)~~ according to one of the preceding claims, wherein an actuator ~~(7)~~ is provided on the second galley container part ~~(3)~~, that, upon actuation, moves the locking assembly ~~(4)~~ from the lock position to the release position and allows the blocking element ~~(15)~~ to move from the unblock position to the block position.

~~8.~~7. Galley container ~~(2, 3)~~ provided with a locking assembly ~~(4)~~ according to one of the preceding claims.

~~9.~~8. Galley container ~~(2, 3)~~ according to claim ~~8~~7, wherein the galley container ~~(2, 3)~~ comprises a door ~~(3)~~ and the locking mechanism ~~(6)~~ is arranged on the door ~~(3)~~.

~~10.~~9. Galley container ~~(2, 3)~~ according to claim ~~9~~8, wherein the galley container ~~(2, 3)~~ comprises a housing ~~(2)~~ and the picklock ~~(5)~~ is arranged on the housing ~~(2)~~.

~~11.~~10. Galley container ~~(2, 3)~~ according to claim ~~7~~6, wherein the galley container ~~(2, 3)~~ is a trolley.