springs, in particular the leafsprings, expand in the longitudinal direction of the housing. The slide preferably furthermore comprises an actuating rod which protrudes beyond the housing and is fixedly connected to the force transmission rod.

The at least one spring, in particular the leafspring, is preferably fastened at its first fastening point to the force transmission rod. The force transmission rod is preferably a flat rod, and therefore it requires a relatively small amount of space within the seal and the seal has a relatively low overall height.

The at least one spring, in particular the leafspring, is preferably held at its second fastening point so as to be pivotable relative to the housing. This permits the sealing strip to be lowered in a manner running approximately perpendicularly to the longitudinal direction of the sealing strip.

In order to transmit an external tensile force to the slide, in a preferred embodiment the arm is arranged on the slide or on the actuating rod of the slide, wherein the arm protrudes beyond the housing, and wherein the arm runs at least approximately perpendicularly to the longitudinal direction of the sealing strip. Said arm preferably also runs at least approximately perpendicularly to the lowering direction of the sealing strip. The arm is preferably fastened releasably to the slide. Said arm preferably forms a stop surface for bearing against a positionally fixed or movable neighboring component of the building part.

Owing to the use of an arm protruding in the manner of a flag, the tried and tested lowering mechanism according to CH 688 741 can be used, but the slide is now pulled and not pushed. For this purpose, only the arrangement of the springs, in particular of the

PATENT CLAIMS

1. A drop-down seal for a building part, wherein the drop-down seal has a housing (1), a sealing strip (2, 3) which is raisable and lowerable in said housing (1) and a spring-loaded lowering mechanism (8) which brings about automatic lowering of the sealing strip (2, 3) during closing of the building part, wherein the lowering mechanism (8) is connected to a slide (4, 6) which protrudes at one end beyond the housing (1) and which activates the lowering mechanism (8) during closing of the building part, characterized in that the slide (4, 6) applies a tension to the lowering mechanism (8).

2. The drop-down seal as claimed in claim 1, wherein the lowering mechanism (8) is connected at a first fastening point (80) to the slide (4, 6), is connected at a second fastening point (81) to the sealing strip (2, 3) and is fastened at a third fastening point (82) to the housing (1).

3. The drop-down seal as claimed in claim 2, wherein the third fastening point (82) is arranged closer to the protruding end of the slide (4, 6) then the first fastening point (80).

4. The drop-down seal as claimed in one of claims 1 to 3, wherein the lowering mechanism comprises at least one spring, in particular a leaf spring (8).

5. The drop-down seal as claimed in one of claims 1 to 4, wherein the slide has a force transmission rod (6) , which force transmission rod extends in the housing (1) in the longitudinal direction thereof.

6. The drop-down seal as claimed in claim 5, wherein the lowering mechanism (8) is fastened at its first fastening point (80) to the force transmission rod (6).

7. The drop-down seal as claimed in either of claims 5 and 6, wherein the lowering mechanism (8) is held at its second fastening point (82) so as to be pivotable relative to the housing (1).

8. The drop-down seal as claimed in one of claims 1 to 7, wherein an arm (7) is operatively connected to the slide (4, 6) which protrudes laterally beyond the housing (1).

9. The drop-down seal as claimed in one of claims 1 to 7, wherein an arm (7) which protrudes beyond the housing (1) and which runs at least approximately perpendicularly to the longitudinal direction of the sealing strip (2, 3) is arranged on the slide (4, 6).

10. The drop-down seal as claimed in claim 9, wherein the arm (7) runs at least approximately perpendicularly to the lowering direction of the sealing strip (2, 3).

11. The drop-down seal as claimed in either of claims 9 and 10, wherein the arm (7) is fastened releasably to the slide (4, 6).

12. The drop-down seal as claimed in one of claims 8 to 11, wherein the arm (7) forms a stop surface for bearing against a positionally fixed or movable neighboring part (B) of the building part.

13. The building part with a drop-down seal (D1, D2, D3) according to one of claims 1 to 12, wherein the building part has at least one movable panel (T1, T2, T3) which closes a building opening and in or on which the drop-down seal (D1, D2, D3) is arranged, characterized in that the building part has a component (T1, T2, T3, R, A) which is adjacent to the movable panel (T1, T2, T3) and brings about the tension of the slide (4, 6) on the lowering mechanism (8).

14. The building part as claimed in claim 13 with a drop-down seal (D1, D2, D3) as claimed in one of claims 8 to 11, wherein the adjacent component (T1, T2, T3, R, A) has a stop surface (B, C) for the arm (7), said stop surface running at least approximately perpendicularly to the longitudinal direction of the sealing strip (2, 3).

15. The building part as claimed in claim 14, wherein at least one of the components is a second movable panel (T1, T2, T3).

16. The building part as claimed in one of claims 13 to 15, wherein the building part is a sliding door, a multi-part sliding door system, a sliding window, a multi-part sliding window system or a single-part or multi-part partition wall.

springs, in particular the leafsprings, expand in the longitudinal direction of the housing. The slide preferably furthermore comprises an actuating rod which protrudes beyond the housing and is fixedly connected to the force transmission rod.

The at least one spring, in particular the leafspring, is preferably fastened at its first fastening point to the force transmission rod. The force transmission rod is preferably a flat rod, and therefore it requires a relatively small amount of space within the seal and the seal has a relatively low overall height.

The at least one spring, in particular the leafspring, is preferably held at its third fastening point so as to be pivotable relative to the housing. This permits the sealing strip to be lowered in a manner running approximately perpendicularly to the longitudinal direction of the sealing strip.

In order to transmit an external tensile force to the slide, in a preferred embodiment the arm is arranged on the slide or on the actuating rod of the slide, wherein the arm protrudes beyond the housing, and wherein the arm runs at least approximately perpendicularly to the longitudinal direction of the sealing strip. Said arm preferably also runs at least approximately perpendicularly to the lowering direction of the sealing strip. The arm is preferably fastened releasably to the slide. Said arm preferably forms a stop surface for bearing against a positionally fixed or movable neighboring component of the building part.

Owing to the use of an arm protruding in the manner of a flag, the tried and tested lowering mechanism according to CH 688 741 can be used, but the slide is now pulled and not pushed. For this purpose, only the arrangement of the springs, in particular of the

PATENT CLAIMS

1. A drop-down seal for a building part, wherein the drop-down seal has a housing, a sealing strip which is raisable and lowerable in said housing and a spring-loaded lowering mechanism which brings about automatic lowering of the sealing strip during closing of the building part, wherein the lowering mechanism is connected to a slide which protrudes at one end beyond the housing and which activates the lowering mechanism during closing of the building part, wherein the lowering mechanism comprises at least one spring, wherein the at least one spring is connected at a first fastening point to the slide and is connected at a second fastening point to the sealing strip and is fastened at a third fastening point to the housing, wherein the slide applies a tension to the lowering mechanism, wherein an arm is operatively connected to the slide which protrudes laterally beyond the housing.

2. The drop-down seal as claimed in claim 1, wherein the third fastening point is arranged closer to the protruding end of the slide then the first fastening point.

3. The drop-down seal as claimed in one of claims 1 or 2, wherein the at least one spring is a leaf spring.

4. The drop-down seal as claimed in one of claims 1 to 3, wherein the slide has a force transmission rod, which force transmission rod extends in the housing and extends in the longitudinal direction of the housing.

5. The drop-down seal as claimed in claim 4, wherein the lowering mechanism is fastened at the first fastening point to the force transmission rod.

6. The drop-down seal as claimed in either of claims 4 and 5, wherein the lowering mechanism is held at the third fastening point so as to be pivotable relative to the housing.

7. The drop-down seal as claimed in one of claims 1 to 6, wherein the arm is arranged on the slide, wherein the arm runs approximately perpendicularly to the longitudinal direction of the sealing strip .

8. The drop-down seal as claimed in claim 7, wherein the arm runs approximately perpendicularly to a lowering direction of the sealing strip.

9. The drop-down seal as claimed in either of claims 7 and 8, wherein the arm is fastened releasably to the slide.

10. The drop-down seal as claimed in one of claims 1 to 9, wherein the arm forms a stop surface for bearing against a stationary or movable neighboring part of the building part.

11. A building part with a drop-down seal according to one of claims 1 to 10, wherein the building part has at least one movable panel which closes a building opening and wherein the drop-down seal is attached to the movable panel, wherein the building part has a component which is adjacent to the movable panel and brings about the tension of the slide on the lowering mechanism.

12. The building part as claimed in claim 11 with a drop-down seal as claimed in one of claims 1 to 9, wherein the adjacent component has a stop surface for the arm, said stop surface running approximately perpendicularly to the longitudinal direction of the sealing strip.

13. The building part as claimed in claim 12, wherein the adjacent component is a second movable panel.

14. The building part as claimed in one of claims 11 to 13, wherein the building part is a sliding door, a multi-part sliding door system, a sliding window, a multi-part sliding window system or a single-part or multi-part partition wall.