PATENT CLAIMS

1. A seal device for a door leaf or window casement, wherein the seal device has a housing rail, an actuating mechanism and a sealing strip which is held in the housing rail and is movable relative to the housing rail by means of the actuating mechanism, wherein in the actuated state of the seal device, the sealing strip provides end-side sealing in both directions of a longitudinal axis (L) of the seal device.

2. The seal device as claimed in claim 1, wherein at least a part of the sealing strip is movable outward in both directions of the longitudinal axis in order to provide end-side sealing.

3. The seal device as claimed in either of claims 1 and 2, wherein the sealing strip has a support rail.

4. The seal device as claimed in claim 3, wherein the support rail is movable outward in the direction of the longitudinal axis (L) of the seal device in order for the sealing strip to provide end-side sealing.

5. The seal device as claimed in either of claims 3 and 4, wherein the support rail is provided with an adjustable pressure plate on at least one of its end sides, preferably on both end sides.

6. The seal device as claimed in either of claims 4 and 5, wherein, in the outwardly moved and lowered state of the sealing strip, the support rail protrudes beyond the housing rail on both end sides, and wherein it does not protrude beyond the end sides in the raised state of the housing rail.

7. The seal device as claimed in any one of claims 4 to 6, wherein the support rail has at least a first and a second support-rail part which are arranged one behind the other in a spaced-apart manner along the longitudinal axis (L) and the spacing of which from one another is variable.

8. The seal device as claimed in claim 7, wherein the actuating mechanism has a force transmission rod that is displaceable in the longitudinal direction, a pivoting element and a displacement element, wherein the force transmission rod is displaceable parallel to the longitudinal axis (L) and brings about a movement of the sealing strip,

wherein the pivoting element is pivotable about a pivot axis (S) perpendicular to the longitudinal axis (L) during longitudinal displacement of the force transmission rod and wherein the displacement element is displaceable parallel to the longitudinal axis (L) and in the opposite direction to the displacement of the force transmission rod by the pivoting element pivoting, wherein the first support-rail part is connected to the displacement element and the second support-rail part is connected to the force transmission rod such that the displacement element displaces the first support-rail part outward and such that the force transmission rod displaces the second support-rail part outward in the opposite direction to the first support-rail part.

9. The seal device as claimed in claim 8, wherein the pivoting element is a lever, wherein the force transmission rod and the displacement element each have a guide cam, said guide cams being engaged with the lever and moving the lever upon movement of the force transmission rod or the displacement element , respectively.

10. The seal device as claimed in claim 8, wherein the pivoting element is a gearwheel, wherein the force transmission rod and the displacement element each have a rack, said racks being engaged with the gearwheel and moving the gearwheel upon movement of the force transmission rod or the displacement element , respectively.

11. The seal device as claimed in claim 7, wherein the actuating mechanism has a first force transmission rod that is displaceable in the longitudinal direction and a second force transmission rod that is displaceable counter to the longitudinal direction, wherein the two force transmission rods are displaceable parallel to the longitudinal axis (L) and bring about a movement of the sealing strip, wherein the first support-rail part is connected to the second force transmission rod and the second support-rail part is connected to the first force transmission rod such that the second force transmission rod displaces the first support-rail part outward in a direction parallel to its own displacement direction and such that the first force transmission rod displaces the second support-rail part outward in the opposite direction to the first support-rail part and in a direction parallel to its own displacement direction.

12. The seal device as claimed in claim 7, wherein the actuating mechanism has a first force transmission rod that is displaceable in the longitudinal direction and a second force transmission rod that is displaceable counter to the longitudinal direction, wherein the two force transmission rods are displaceable parallel to the longitudinal axis (L) and bring about a movement of the sealing strip, wherein the first support-

rail part is connected to the first force transmission rod and the second support-rail part is connected to the second force transmission rod via respective reversal elements such that the first force transmission rod displaces the first support-rail part outward in the opposite direction to its own displacement direction and such that the second force transmission rod displaces the second support-rail part outward in the opposite direction to the first support-rail part and in the opposite direction to its own displacement direction.

13. The seal device as claimed in any one of claims 7 to 12, wherein the at least first and second support-rail parts each have a guide element at their mutually adjacent end sides, said guide elements being connected together and allowing a relative movement of adjacent support-rail parts exclusively parallel to the longitudinal axis (L).

14. The seal device as claimed in any one of claims 3 to 13, wherein the sealing strip is lowerable and raisable transversely to the longitudinal axis (L) of the seal device and wherein the sealing strip has the support rail for fastening the sealing strip to the housing rail and a seal profile held on the support rail, in order to seal a gap between the door leaf or window casement and the ground in the lowered state of the sealing strip.

15. The seal device as claimed in claim 14, wherein the seal profile simultaneously provides sealing downwardly and on both end sides in the lowered state.

16. The seal device as claimed in either of claims 14 and 15, wherein the sealing strip is lowerable and raisable by means of the actuating mechanism.

17. The seal device as claimed in any one of claims 14 to 16, wherein the seal profile is formed in a manner closed in a watertight manner at least on one end side, preferably on both end sides, and at least over half of its height, preferably over approximately its entire height.

18. The seal device as claimed in claim 7, 11 or 12 in combination with one of claims 14 to 17, wherein the seal profile is formed in one piece lengthwise and is held jointly by the at least two support-rail parts.

19. The seal device as claimed in claim 7, 11 or 12 in combination with one of claims 14 to 18, wherein the displacement element or the second force transmission rod lowers the first support-rail part and displaces it outward, and wherein the force transmission rod or the first force transmission rod lowers the second support-rail part and displaces it outward in the opposite direction to the first support-rail part .

20. The seal device as claimed in any one of claims 1 to 19, wherein a triggering element is provided which actuates the actuating mechanism, and wherein an additional module is provided which is arranged outside the housing rail and which is actuable by means of the triggering element , wherein the additional module has a sealing body which is movable in the direction of the sealing strip when the additional module is actuated, with the result that, in the actuated state of the seal device, the sealing body contacts the sealing strip on an end side of the sealing strip and, together with the latter, seals the door leaf or window casement with respect to a door casing or a wall.

21. The seal device as claimed in claim 20, wherein the additional module has a spring-loaded lever mechanism for displacing the sealing body.

22. The seal device as claimed in either of claims 20 and 21, wherein the sealing body is formed in an elastic and watertight manner.