

Title (en)
AXIALLY SPLIT PUMP

Title (de)
AXIAL GETEILTE PUMPE

Title (fr)
POMPE A SEPARATION AXIALE

Publication
EP 3029332 B1 20190501 (DE)

Application
EP 15189336 A 20151012

Priority
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Abstract (en)
[origin: CA2912717A1] An axially split pump for conveying a fluid is suggested, having an axially split housing (2) that comprises a bottom part (21) and a cover (22), having a rotatable shaft (3) that determines an axial direction (A), as well as having at least one side cover (9) for closing the housing (2) in the axial direction, wherein the side cover (9) has a first contact surface (91) for cooperating with a second contact surface (23) provided at the housing (2), the second contact surface extending both over the bottom part (21) and the cover (22), wherein the bottom part (21) has a first sealing surface (212) and the cover (22) has a second sealing surface (222), wherein the bottom part (21) and the cover (22) can be fastened to one another in such a way that the two sealing surfaces (212, 222) have a direct contact with one another, wherein at least one sealing groove (213) is provided in one of the sealing surfaces (212, 222) for the reception of a string-like sealing element (10), the sealing groove (213) extending up to the second contact surface (23) of the housing (2), wherein a recess (24) surrounding the shaft (3) is provided in the second contact surface (23) and wherein a projection (92) surrounding the shaft (23) is provided in the first contact surface (91) of the side cover (9), wherein the recess (24) and the projection (92) are configured and arranged in such a way that they together form a ring-like groove (29) for the reception of a ring-like sealing element (11) in the mounted state of the side cover (9).

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