

Title (en)
PUMP FOR PUMPING A LIQUID

Title (de)
PUMPE ZUR FÖRDERUNG EINER FLÜSSIGKEIT

Title (fr)
POMPE DE REFOULEMENT DE LIQUIDE

Publication
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Application
EP 14724489 A 20140519

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• DE 102013106167 A 20130613
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Abstract (en)
[origin: WO2014198498A1] The invention relates to a pump (1) for pumping a liquid, having a pump housing (2) with at least one inlet (3) and at least one outlet (4). The pump housing (2) is equipped with an eccentric (5) which can be rotated relative to the pump housing (2) by an axle (6). A deformable element (7) is arranged between the pump housing (2) and the eccentric (5), and by means of the deformable element (7), at least one pump path (8) from the at least one inlet (3) to the at least one outlet (4) is delimited and at least one movable pump path (8) seal (9) is formed which separates at least one closed pump volume (10) in the pump path (8). The at least one movable seal (9) can be moved in a pump direction (11) from the inlet (3) to the outlet (4) by a movement of the eccentric (5) in order to pump the fluid along the pump path (8). Furthermore, the pump (1) has at least one adjustable axial calibrating device (12), by means of which the deformable element (7) is clamped in the axial direction (13) parallel to the axle (6).

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