

Title (en)
ECCENTRIC SCREW PUMP

Title (de)
EXZENTERSCHNECKENPUMPE

Title (fr)
POMPE EXCENTRIQUE À VIS

Publication
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Application
EP 15747426 A 20150730

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Abstract (en)
[origin: CA2959443A1] The invention relates to an eccentric screw pump comprising at least one stator (1) made from an elastic material and a rotor (2) that is rotatable in the stator (1), wherein at least some regions of the stator (1) are surrounded by a stator casing (3), and the stator casing (3), as a casing split along its length, consists of at least two casing segments (19) and forms a stator clamping device by means of which the stator can be clamped against the rotor (2) in the radial direction, wherein the stator clamping device has one or more movable adjusting elements which work on the casing segments (19) to adjust and clamp the stator. Said pump is characterised in that the stator clamping device comprises one or more actuators which are connected to the adjusting elements or are equipped with adjusting elements for an automated advancement of the stator.

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• GB 2338268 A 19991215 - ORBIT PUMPS LTD [GB]
• DE 9116377 U1 19920903
• DE 102005013466 B3 20061005 - NETZSCH MOHNOPUMPEN GMBH [DE]

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