Title (en)

PROGRESSIVE CAVITY PUMP

Title (de)

EXZENTERSCHNECKENPUMPE

Title (fr)

POMPE À CAVITÉ PROGRESSIVE

Publication

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Application

EP 15744914 A 20150730

Priority

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Abstract (en)

[origin: WO2016034340A1] The invention relates to an eccentric screw pump, comprising at least one stator (1) composed of an elastic material and a rotor (2) that can be rotated in the stator (1), the stator (1) being surrounded by a stator casing (3) at least in some regions. The stator casing (3) consists of at least two casing segments (19) as a longitudinally divided casing and forms a stator clamping device, by means of which the stator (2) can be clamped against the rotor (1) in the radial direction. The pump is characterized in that the casing segments (19) have at least one clamping flange (20) having first clamping surfaces (21) at each end of the casing segments and that one or more clamping elements (22, 23), which can be displaced in the axial direction and have second clamping surfaces (24), are placed onto the clamping flange (20), the first clamping surfaces (21) and the second clamping surfaces (24) being designed in such a way and interacting in such a way that the stator casing (3) can be clamped against the stator in the radial direction in the course of an axial displacement of the clamping elements (22, 23).

IPC 8 full level

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Citation (search report)

See references of WO 2016034340A1

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