

Title (en)

Stator for an eccentric screw pump, eccentric screw pump, and a method for manufacturing a stator

Title (de)

Stator für eine Exzentrerschneckenpumpe, Exzentrerschneckenpumpe und Verfahren zur Herstellung eines Stators

Title (fr)

Stator pour une pompe à vis excentrique, pompe à vis excentrique et procédé de fabrication d'un stator

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016041686A1] The invention relates to a stator for an eccentric screw pump comprising an inner cavity which has a helically coiled inner contour for accommodating a rotor. The stator comprises a stator core arranged in a stator casing, said core comprising at least two radially separable core parts. According to the invention, each of the at least two radially separable core parts is made of a metal material or an industrial ceramic material. The stator casing is a stator tube and is made of a metal material. The stator casing is shrunk onto the stator core. The invention further relates to an eccentric screw pump and a method for producing a stator.

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