

Title (en)

STATOR FOR AN ECCENTRIC SPIRAL PUMP OR AN ECCENTRIC WORM MOTOR ACCORDING TO THE MOINEAU PRINCIPLE

Title (de)

STATOR FÜR EINE EXZENTERSCHNECKENPUMPE ODER EINEN EXZENTERSCHNECKENMOTOR NACH DEM MOINEAU-PRINZIP

Title (fr)

STATOR POUR UNE POMPE A VIS SANS FIN EXCENTRIQUE OU UN MOTEUR A VIS SANS FIN EXCENTRIQUE SELON LE PRINCIPE MOINEAU

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Application

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Abstract (en)

[origin: US2005106004A1] The invention relates to a stator for an eccentric screw pump or an eccentric worm motor having a stator, including an outer tube that is provided with a lining of rubber or a rubber-like material and has a hollow space, in the shape of a double or multiple spiral, for accommodating a rigid rotor that is also in the form of a spiral, whereby the spiral of the stator has one spiral more than does the motor. To provide a stator that also remains functional under conditions where the fixed connection between the lining and the outer tube would be destroyed, e.g. due to chemical influences or high temperatures, the invention proposes that an inner tube provided with apertures is disposed in the lining, and that spacing strips are disposed between outer tube and inner tube.

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