

Title (en)
RADIAL OSCILLATING MOTOR, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
RADIALER SCHWENKMOTOR UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
MOTEUR OSCILLANT RADIAL ET PROCEDE DE PRODUCTION DE CE MOTEUR

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Application
EP 05742373 A 20050414

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Abstract (en)
[origin: WO2005103503A1] The aim of the invention is to improve the quality of the inner circumferential surfaces of the stator while reducing the production effort. Said aim is achieved by embodying the stator comprising a stator frame (1) and the stator blades (13) as two pieces while inserting the stator blade (13) in a torsion-proof manner into the stator frame (5). According to the inventive method, a commercial pipe having an inner circumferential surface that is suitable as a sealing surface is used, and longitudinally extending guiding means are incorporated. The monolithically produced stator blades (13) are provided with corresponding joining means such that the stator frame (5) and the stator blades (13) can be welded, clamped, or screwed together.

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