

Title (en)

METHOD FOR INSTALLING MECHANICAL SEALING ELEMENTS OF A PUMP WITH A CONCRETE HOUSING IN THIS HOUSING

Publication

EP 0238363 B1 19900131 (FR)

Application

EP 87400016 A 19870107

Priority

FR 8600685 A 19860120

Abstract (en)

[origin: US4720238A] A method of interfacing mechanical and concrete components of a pump comprising a concrete volute entails simultaneously placing two metal rings in recesses provided in a suction orifice and in a well of the volute of the pump. This is done using a jig having two molding surfaces spaced from each other by a predetermined axial distance and placed at a position near the rings. Each of the rings is embedded in a hardenable resin which is molded by the two molding surfaces on the jig. This forms two annular resin blocks having molded surfaces. These molded surfaces are used as respective support surfaces for a sealing ring and for a cover in which the rotor of the pump is rotatably mounted.

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