

Title (en)
ROTARY HYDRAULIC MACHINE

Title (de)
HYDRAULISCHE ROTATIONSMASCHINE

Title (fr)
MACHINE HYDRAULIQUE ROTATIVE

Publication
EP 1129293 A1 20010905 (FR)

Application
EP 99954067 A 19991105

Priority
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Abstract (en)
[origin: FR2785645A1] The invention concerns a rotary hydraulic machine having a stator and a rotor with vanes defining chambers with variable volume with the stator. The stator (100) comprises a peripheral wall (130) centred on the axis (O) and provided with bosses (120) having an upstream ramp (121) and a downstream ramp (123) and a summit (122) located on a pitch circle (CP). The base (150) comprises two communicating orifices (151, 152) emerging in each cavity (140) in the proximity of the bosses (120). The rotor (200) comprises a body (210) with a circular outline (220) centred on the axis (O) in sealed contact with the summit (123) of the bosses (120), vane housings (230), each receiving a vane (240).

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