

Title (en)
HYDRAULIC MACHINE, IN PARTICULAR HYDRAULIC MOTOR, WITH A RECIPROCATING MOVEMENT, AND DIFFERENTIAL PISTON FOR SUCH A MACHINE

Title (de)
HYDRAULISCHE MASCHINE, INSBESONDERE HYDROMOTOR, MIT EINER HUBBEWEGUNG UND DIFFERENZIALKOLBEN FÜR SOLCH EINE MASCHINE

Title (fr)
MACHINE HYDRAULIQUE, EN PARTICULIER MOTEUR HYDRAULIQUE, A MOUVEMENT ALTERNATIF, ET PISTON DIFFERENTIEL POUR UNE TELLE MACHINE

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Application
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Abstract (en)
[origin: WO2007080251A1] Hydraulic machine, in particular hydraulic motor, comprising a casing, a differential piston (4) having a region of large cross section and a region of smaller cross section, which can slide with a reciprocating movement respectively in the casing and in a housing coaxial to, and of smaller diameter than, the casing, the piston separating two chambers of the casing and being provided at the location of its large cross section and its small cross section with sealing lips (48, 49) which are oriented in opposite directions and which face one another. The sealing lips (48, 49) are provided on detachable circular rings (50, 51), and the piston (4) is moulded in one piece.

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