

Title (en)
HYDRAULIC MACHINE, IN PARTICULAR HYDRAULIC MOTOR, AND METERING DEVICE COMPRISING SUCH A MOTOR

Title (de)
HYDRAULISCHE MASCHINE, INSBESONDERE HYDRAULIKMOTOR, UND SOLCH EINEN MOTOR UMFASSENDE DOSIERVORRICHTUNG

Title (fr)
MACHINE HYDRAULIQUE, EN PARTICULIER MOTEUR HYDRAULIQUE, ET DOSEUR COMPORTANT UN TEL MOTEUR.

Publication
EP 1971776 A1 20080924 (FR)

Application
EP 06841881 A 20061207

Priority
• FR 2006002674 W 20061207
• FR 0600314 A 20060113

Abstract (en)
[origin: US8132497B2] A hydraulic machine includes a casing with a body and a cover; a separation member which can make a reciprocating movement and defines two chambers; hydraulic switching elements including a distribution member; a compartment in the body of the casing connected to a pressurized-liquid inlet, and initiating elements including a pusher connected to the separation member, these initiating elements being able, at the end of the stroke, to cause a sudden change in the position of the switching elements, under the action of an elastic member to reverse the stroke. The distribution member has a distribution slide valve applied against a flat plate which is fixed relative to the body of the casing, the slide valve being able to slide in a fluid-type manner, without a seal, against the plate, which has orifices connected respectively to the chambers and to a liquid outlet orifice.

IPC 8 full level
F04B 13/02 (2006.01); **F04B 9/10** (2006.01); **F04B 9/107** (2006.01); **F04B 43/02** (2006.01)

CPC (source: EP US)
F04B 9/107 (2013.01 - EP US)

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US10975861B2; CN109072890A; WO2017021801A1; US10551227B2; WO2017174722A1; US10598164B2; WO2022184576A1; FR3120402A1; WO2017174719A1; US10724517B2; WO2018011185A1; EP3889429A1; US11773841B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2896279 A1 20070720; FR 2896279 B1 20080229; AT E460585 T1 20100315; AU 2006334588 A1 20070719; AU 2006334588 B2 20120517; BR PI0620988 A2 20111129; BR PI0620988 B1 20200519; CA 2637364 A1 20070719; CA 2637364 C 20130521; CN 101379293 A 20090304; CN 101379293 B 20110817; DE 602006012879 D1 20100422; DK 1971776 T3 20100705; EA 013486 B1 20100430; EA 200870166 A1 20081230; EP 1971776 A1 20080924; EP 1971776 B1 20100310; ES 2342564 T3 20100708; JP 2009523213 A 20090618; JP 5289059 B2 20130911; MX 2008009064 A 20081114; NZ 569651 A 20100430; PL 1971776 T3 20100831; UA 92379 C2 20101025; US 2010154625 A1 20100624; US 8132497 B2 20120313; WO 2007080250 A1 20070719

DOCDB simple family (application)
FR 0600314 A 20060113; AT 06841881 T 20061207; AU 2006334588 A 20061207; BR PI0620988 A 20061207; CA 2637364 A 20061207; CN 200680052411 A 20061207; DE 602006012879 T 20061207; DK 06841881 T 20061207; EA 200870166 A 20061207; EP 06841881 A 20061207; ES 06841881 T 20061207; FR 2006002674 W 20061207; JP 2008549897 A 20061207; MX 2008009064 A 20061207; NZ 56965106 A 20061207; PL 06841881 T 20061207; UA A200810357 A 20061207; US 16042806 A 20061207