

Title (en)
Hydraulic gear machine

Title (de)
Hydraulische Zahnradmaschine

Title (fr)
Machine hydraulique à engrenages

Publication
EP 1118772 B1 20060607 (DE)

Application
EP 00125945 A 20001128

Priority
DE 10002708 A 20000122

Abstract (en)
[origin: EP1118772A1] The pump or motor (10) has a drive mechanism with two engaged gear wheels (28, 30) supplying fluid from the inlet to the outlet, which are connected by supply grooves (52, 54) to the tooth chambers enclosed by the gear wheels. The seal between the induction and compression sides of the pump or motor is achieved by a special reversing mechanism, automatically adapting itself to the rear flank play (64).

IPC 8 full level
F04C 2/18 (2006.01); **F04C 2/08** (2006.01)

CPC (source: EP)
F04C 2/086 (2013.01)

Designated contracting state (EPC)
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