

Title (en)
External gear machine

Title (de)
Umlaufverdrängermaschine

Title (fr)
Machine à engrenages externes

Publication
EP 1925823 B1 20160817 (DE)

Application
EP 06024139 A 20061121

Priority
EP 06024139 A 20061121

Abstract (en)
[origin: EP1925823A1] A hydraulic pump or motor has a housing (1) around a first pair of gear wheels (40) in a chamber (2) and consists of a first working gear wheel (3) and a second conveying gearwheel (4). The first and second gears intermesh (41). The chamber has a fluid inlet (42) to the intermesh zone opposite an outlet (43) to the working chamber (2) near the intermesh region. The working chamber accommodates a second fluid feed gearwheel (5) forming part of a second drive. The pump has a single drive cog and a single housing.

IPC 8 full level
F04C 2/14 (2006.01)

CPC (source: EP)
F04C 2/088 (2013.01); **F04C 2/14** (2013.01); **F04C 2/18** (2013.01); **F04C 11/001** (2013.01); **F04C 2240/70** (2013.01)

Cited by
CN103362731A; WO2012134324A1

Designated contracting state (EPC)
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