

Title (en)
External gear hydraulic device

Title (de)
Aussenzahnradhydraulikeinrichtung

Title (fr)
Dispositif hydraulique à engrènement extérieur

Publication
EP 0685650 B1 20000315 (EN)

Application
EP 95201391 A 19950530

Priority
IT MO940077 A 19940531

Abstract (en)
[origin: EP0685650A1] A gear pump, or motor (1, 1a, 1c, 1d) comprises a hollow body (2) acting as casing closed off axially at one end by a cover (4, 19) and by a flange (3, 20) at the opposite end, the hollow body (2) having a cavity (5) in the form of two opposing lobes in which are coupled rotationally pairs of driving (9, 9a, 15, 15a) and driven (10, 10a) gearwheels that mesh with each other, the said driving gearwheels (9, 9a, 15, 15a) being coupled to driving means; the casing (2) is fitted with positionable partitioning means (11) that divide the cavity (5) into at least two distinct and independent pumping chambers (13). <IMAGE>

IPC 1-7
F04C 2/14; **F04C 11/00**

IPC 8 full level
F04C 2/18 (2006.01); **F04C 11/00** (2006.01)

CPC (source: EP)
F04C 11/001 (2013.01)

Cited by
EP3550145A1; CN110345065A; IT201800004230A1; US8235691B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0685650 A1 19951206; **EP 0685650 B1 20000315**; DE 69515555 D1 20000420; IT 1269371 B 19970326; IT MO940077 A0 19940531; IT MO940077 A1 19951201; JP H08100774 A 19960416

DOCDB simple family (application)
EP 95201391 A 19950530; DE 69515555 T 19950530; IT MO940077 A 19940531; JP 13385795 A 19950531