

Title (en)

Internal-gear pump for hydraulic fluid.

Title (de)

Innenzahnradpumpe für Hydraulikflüssigkeit.

Title (fr)

Pompe à engrenages internes pour fluide hydraulique.

Publication

EP 0473025 B1 19931103 (DE)

Application

EP 91113738 A 19910816

Priority

DE 4026261 A 19900820

Abstract (en)

[origin: EP0473025A1] The external gear of the internal geared pump is stationary and forms a closed inner chamber. The smaller internal gear with external toothing is mounted on a rotatably driven eccentric so that it is free to pivot. The eccentric (11) is mounted so that it is free to pivot on a journal (10) concentric with the pump axis (13) and fixed and supported in the casing from which it projects and is connected in a rotationally fixed manner to the drive shaft (16) by means of a coupling. <IMAGE>

IPC 1-7

F04C 2/10; F04C 15/02; F04C 15/00

IPC 8 full level

F04C 2/10 (2006.01); **F04C 15/00** (2006.01); **F04C 15/06** (2006.01)

CPC (source: EP)

F04C 2/102 (2013.01); **F04C 15/0065** (2013.01); **F04C 15/068** (2013.01)

Citation (examination)

FR 2350469 A1 19771202 - BOSCH GMBH ROBERT [DE]

Cited by

DE102016217267A1; GB2284638A; GB2284638B; WO2004044429A3

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

EP 0473025 A1 19920304; **EP 0473025 B1 19931103**; AT E96886 T1 19931115; DE 59100553 D1 19931209; JP 3011797 B2 20000221; JP H04255585 A 19920910

DOCDB simple family (application)

EP 91113738 A 19910816; AT 91113738 T 19910816; DE 59100553 T 19910816; JP 20777991 A 19910820