

Title (en)
GEAR PUMP OR MOTOR.

Title (de)
ZAHNRADPUMPE ODER -MOTOR.

Title (fr)
POMPE OU MOTEUR A ENGRENAGES.

Publication
EP 0469135 B1 19950412 (DE)

Application
EP 91905137 A 19910219

Priority
• CH 52290 A 19900219
• EP 9100312 W 19910219

Abstract (en)
[origin: WO9112430A1] The filler (8) of a gear pump (1) or motor, which is fitted in an intermediate space (4) formed by an internal geared wheel (2) and a pinion (3), has a sickle-shaped seal (7) to which are secured laterally downwardly directed bearing pins (6), whereby the filler (8) is in one piece and/or is formed in two pieces by a separating gap (14) extending from the high-pressure area (13) into the low-pressure chamber (11).

IPC 1-7
F04C 2/10

IPC 8 full level
F04C 2/10 (2006.01)

CPC (source: EP US)
F04C 2/101 (2013.01 - EP US); **F04C 15/0019** (2013.01 - EP US)

Citation (examination)
DE 1905146 A1 19701029 - WESTINGHOUSE BREMSSEN U APPBAU

Cited by
EP1764506A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9112430 A1 19910822; CH 682836 A5 19931130; DE 59105149 D1 19950518; EP 0469135 A1 19920205; EP 0469135 B1 19950412; US 5188523 A 19930223

DOCDB simple family (application)
EP 9100312 W 19910219; CH 52290 A 19900219; DE 59105149 T 19910219; EP 91905137 A 19910219; US 76822991 A 19911018