

Title (en)
PUMP

Title (de)
PUMPE

Title (fr)
POMPE

Publication
EP 1292769 B1 20070418 (DE)

Application
EP 01940549 A 20010601

Priority
• DE 10027812 A 20000605
• EP 0106301 W 20010601

Abstract (en)
[origin: DE10027812A1] The housing cover (4) and the pressure plate (12) are in one piece and have pockets (19) between cover and plate to give pocket depths (T) equal to the thickness of the pump chamber ring (8). The sidewalls (21,22) of the pockets lie parallel to the annular surface (23) of the pressure plate (12) facing the chamber ring. The pocket (19) depth should either be constant or vary round its circumference. When stationary, the annular surface (23) of the pressure plate is flat and lies in the same plane as circular face (26).

IPC 8 full level
F04C 2/08 (2006.01); **F04C 2/14** (2006.01); **F04C 2/344** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)
F01C 21/108 (2013.01); **F04C 2/086** (2013.01); **F04C 15/0023** (2013.01)

Citation (examination)
US 2765745 A 19561009 - SADLER HARRY J, et al

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
DE 10027812 A1 20011213; DE 10192360 D2 20030612; DE 50112376 D1 20070531; EP 1292769 A1 20030319; EP 1292769 B1 20070418; ES 2283416 T3 20071101; WO 0194787 A1 20011213

DOCDB simple family (application)
DE 10027812 A 20000605; DE 10192360 T 20010601; DE 50112376 T 20010601; EP 0106301 W 20010601; EP 01940549 A 20010601; ES 01940549 T 20010601