

Title (en)  
Hydraulic pump with noise reduction

Title (de)  
Hydropumpe mit Merkmalen zur Geräuschminderung

Title (fr)  
Pompe hydraulique à capacité d'amortissement

Publication  
**EP 0814265 A1 19971229 (FR)**

Application  
**EP 97401387 A 19970617**

Priority  
FR 9607542 A 19960618

Abstract (en)  
The body (2) of the hydraulic pump which contains the movable gearing (3) between bearings (4,5) is supported by a base plate (1). The pump body is connected to an auxiliary pump body (11) by bolts. The auxiliary pump does not have any gearing and the gear pump outlet pipe (8) discharges into the auxiliary pump cavity (12). The outlet pipe is connected to the cavity by a calibrated tube (18). The gear pump is separated from the auxiliary pump by a closing plate (10). The two pump bodies are connected by bolts (15). The auxiliary pump is closed by a cover (14).

Abstract (fr)  
Pompe hydraulique à capacité d'amortissement dans laquelle le corps de pompe (2) qui contient l'équipage mobile (3) entre des coussinets (4, 5) est supporté par une semelle (1), caractérisée en ce que ledit corps de pompe (2) est relié, de façon étanche, à un corps de pompe auxiliaire analogue (11) non muni d'équipage mobile et dans la cavité (12) duquel débouche le conduit de sortie (8) du corps de pompe (2) muni de l'équipage mobile. <IMAGE>

IPC 1-7  
**F04C 2/14; F04C 15/00**

IPC 8 full level  
**F04C 15/00** (2006.01)

CPC (source: EP)  
**F04C 15/0049** (2013.01)

Citation (search report)  
• [DA] GB 2036873 A 19800702 - SOUTH WESTERN IND RES  
• [DA] DE 4120757 A1 19920102 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]

Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**EP 0814265 A1 19971229**; FR 2749886 A1 19971219; FR 2749886 B1 19980911

DOCDB simple family (application)  
**EP 97401387 A 19970617**; FR 9607542 A 19960618