

Title (en)  
Motor pump unit

Title (de)  
Motorpumpenaggregat

Title (fr)  
Agrégat de pompes de moteur

Publication  
**EP 2241753 B1 20120801 (DE)**

Application  
**EP 09005384 A 20090415**

Priority  
EP 09005384 A 20090415

Abstract (en)  
[origin: EP2241753A1] The aggregate (A) has toothed wheel-pump element (Z1) is mounted on a toothed wheel-pump element-mounting region (14) of the support plate (TP1), and connected at a pressure channel (K). A radial piston pump element is mounted on a radial piston-pump element mounting region of the support plate. The pressure channel is connected with a connecting region (B) by a pipe nipple (N) directly inserted in a pressure channel opening (25). The nipple is extended in to the outer housing over a distance between an outer edge (13) of the support plate and an inner wall (7) of the outer housing.

IPC 8 full level  
**F04B 17/03** (2006.01); **F04B 23/02** (2006.01); **F04B 53/08** (2006.01)

CPC (source: EP)  
**F04B 17/03** (2013.01); **F04B 23/02** (2013.01); **F04B 53/08** (2013.01)

Cited by  
DE102015207033A1; DE102018214555A1; CN110863981A; DE102017127675A1; US11971024B2; EP3536952A1; WO2018041401A1; WO2019101674A1; US11530692B2; DE102017127675B4; EP2642122A1; US9212655B2; US11053954B2; US11193491B2; DE102018214555B4; DE102019206333B4; EP3504433B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2241753 A1 20101020**; **EP 2241753 B1 20120801**; ES 2389633 T3 20121029

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