

Title (en)
Compact electrohydraulic apparatus

Title (de)
Kompakte elektrohydraulische Einheit

Title (fr)
Groupe électro-hydraulique compact

Publication
EP 0761970 B1 19990107 (FR)

Application
EP 96401657 A 19960725

Priority
FR 9510219 A 19950830

Abstract (en)
[origin: EP0761970A1] The assembly comprises an electric motor which drives a hydraulic pump feeding a number of different circuits consisting of a pump housing with a series of sound wave damping cavities (36) surrounding the chamber (11) containing the pump gears (9,10), and at least some of the cavities are connected via the pump's lateral face with a chamber (19) inside the cover (18) and a coupling (42) for the utilisation circuit (44). The pump body (12), its side plates (16,17) and the cover (18) are held together by bolts and centering pins (21) to form a single unit. The side plates are made from a material with a high module of elasticity, especially steel.

IPC 1-7
F04C 15/00; **F04C 11/00**

IPC 8 full level
F04D 29/66 (2006.01); **F04C 2/18** (2006.01); **F04C 11/00** (2006.01); **F04C 14/00** (2006.01); **F04C 15/00** (2006.01); **F04C 15/06** (2006.01)

CPC (source: EP US)
F04C 11/00 (2013.01 - EP US); **F04C 15/0049** (2013.01 - EP US)

Cited by
DE19833372A1; DE102004021885B4; DE102004021885A1; US6506029B1; WO0005504A1; WO2006111314A1; WO2016062538A1; EP1026392B2

Designated contracting state (EPC)
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