

Title (en)
Low noise hydraulic power unit

Title (de)
Geräuscharmes Hydraulikaggregat

Title (fr)
Unité hydraulique à faible bruit

Publication
EP 1413772 B1 20051109 (DE)

Application
EP 03021586 A 20030925

Priority
DE 10249337 A 20021022

Abstract (en)
[origin: EP1413772A1] A low-noise hydraulic system is installed within a rectangular frame (10) on a base plate (11) which also forms the base of a hydraulic reservoir (13). The reservoir forms at least two of the frame sidewalls. The other sidewalls are noise-insulating sidewalls (20, 33). The unit also encloses several groups of pumps (40, 41, 42) fixed to the base-plate. The reservoir forms two sidewall (13a, 13b; 13c, 13d) sections of the frame. One transverse sidewall (13e) links the two sidewalls to form an H-shaped group. The motor pump groups are located within two compartments.

IPC 1-7
F15B 1/26; F15B 21/04; F04B 23/02; F04B 23/04

IPC 8 full level
F04B 23/02 (2006.01); **F04B 23/06** (2006.01); **F04B 53/00** (2006.01); **F15B 1/26** (2006.01); **F15B 21/04** (2006.01)

CPC (source: EP)
F04B 23/025 (2013.01); **F04B 23/06** (2013.01); **F04B 53/002** (2013.01); **F15B 1/26** (2013.01); **F15B 21/008** (2013.01)

Cited by
AT519817A1; CN104141605A

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DOCDB simple family (publication)
EP 1413772 A1 20040428; **EP 1413772 B1 20051109**; AT E309470 T1 20051115; DE 10249337 A1 20040506; DE 50301604 D1 20051215; ES 2251659 T3 20060501

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