

Title (en)
Gear pump assembly

Title (de)
Getriebepumpenanordnung

Title (fr)
Ensemble formant pompe à engrenages

Publication
EP 2634430 B1 20180808 (EN)

Application
EP 12157371 A 20120228

Priority
EP 12157371 A 20120228

Abstract (en)
[origin: EP2634430A1] Gear pump assembly (1) comprising at least two independently-driven gear pumps (8a,b) in a single housing (2) arranged collaterally with respect to the rotational axes of their respective drive gears (5a,b), either in the same plane or at an angle to each other. This is significantly more compact than existing solutions of multiple single gear pumps or coaxial gear pumps in a single housing, and gives great flexibility in design and of pumping parameters.

IPC 8 full level
F04C 2/18 (2006.01); **F04C 11/00** (2006.01)

CPC (source: EP)
F04C 2/18 (2013.01); **F04C 11/001** (2013.01); **F04C 15/0096** (2013.01); **F04C 2240/30** (2013.01)

Citation (examination)

- DE 443369 C 19270427 - ROBERT BOSCH A G
- DE 19857053 A1 20000615 - ZAHORANSKY ANTON GMBH & CO [DE]
- WO 9625858 A1 19960829 - RITTER CHRIS [US], et al

Cited by
CN104235013A; EP3112143A1; EP3112144A3; US11685095B2; WO2024171042A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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