

Title (en)

Gear pump assembly

Title (de)

Getriebepumpenanordnung

Title (fr)

Ensemble formant pompe à engrenages

Publication

**EP 2634430 A1 20130904 (EN)**

Application

**EP 12157371 A 20120228**

Priority

EP 12157371 A 20120228

Abstract (en)

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 (applicant)

- EP 0091347 A1 19831012 - DBA SA [FR]
- US 5842848 A 19981201 - KNOWLES FREDERICK W [US]
- GB 1214723 A 19701202 - CHANDLER EVANS INC [US]
- EP 1267077 A1 20021218 - RENAULT SA [FR]
- JP S6477778 A 19890323 - KUBOTA LTD

Citation (search report)

- [X] US 5174725 A 19921229 - GUILE DONALD L [US], et al
- [X] US 1214300 A 19170130 - GROUVELLE PHILIPPE JULES [FR], et al
- [A] WO 2009037118 A1 20090326 - OERLIKON TEXTILE GMBH & CO KG [DE], et al
- [A] US 5004407 A 19910402 - HUTCHISON RICHARD M [US]

Cited by

CN104235013A; EP3112143A1; EP3112144A3; US11685095B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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