

Title (en)
Pumping unit

Title (de)
Förderaggregat

Title (fr)
Agréгат de pompage

Publication
EP 2078860 A3 20140528 (DE)

Application
EP 08105827 A 20081119

Priority
DE 102008003843 A 20080110

Abstract (en)
[origin: EP2078860A2] The device (10) has a hollow wheel (14) and a gear wheel (16) meshing with each other, where the gear wheel is accommodated at a driveshaft (15) around an axis. The driveshaft runs in an eccentricity to an axis of the hollow wheel, and the hollow wheel and gear wheel are accommodated in a housing (11). The housing is formed in two-parts, and has a pump housing (13) supported in a carrier housing (12) in a clearance free manner. The pump housing is axially formed between the carrier housing and a pump cover (17), and is made of plastic or aluminum die casting.

IPC 8 full level
F04C 2/10 (2006.01); **F01C 21/10** (2006.01); **F04C 2/08** (2006.01)

CPC (source: EP)
F04C 2/086 (2013.01); **F04C 2/101** (2013.01); **F04C 2230/21** (2013.01); **F04C 2230/22** (2013.01); **F04C 2240/51** (2013.01); **F04C 2270/17** (2013.01); **F05C 2201/021** (2013.01); **F05C 2225/00** (2013.01); **F05C 2251/04** (2013.01)

Citation (search report)

- [AD] DE 10245814 B3 20040212 - SCHWAEBISCHE HUETTENWERKE GMBH [DE]
- [A] EP 0115559 A1 19840815 - SPECHT VICTOR JOSEPH
- [A] EP 1600635 A2 20051130 - HITACHI LTD [JP]
- [A] EP 1193395 A2 20020403 - BOSCH GMBH ROBERT [DE]

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EP2538082A3

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2078860 A2 20090715; EP 2078860 A3 20140528; EP 2078860 B1 20150930; CN 101482112 A 20090715; CN 101482112 B 20141105; DE 102008003843 A1 20090716

DOCDB simple family (application)
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