

Title (en)
PUMPS

Title (de)
PUMPE

Title (fr)
POMPE

Publication
EP 1756426 A1 20070228 (DE)

Application
EP 05746325 A 20050430

Priority
• DE 2005000800 W 20050430
• DE 102004022670 A 20040507

Abstract (en)
[origin: WO2005108791A1] Pumps, in particular, sliding-vane pumps, roller cell pumps, or gear pumps, comprising a rotating assembly, with, amongst other things, a rotor (1) with radially-sliding vanes (43), rollers or gears and a driveshaft (17). The rotor (1) or a gearwheel are connected to the driveshaft by a toothing on the driveshaft and on the rotor or gearwheel for rotational drive.

IPC 8 full level
F04C 15/00 (2006.01); **F16D 1/08** (2006.01)

CPC (source: EP US)
F04C 15/0076 (2013.01 - EP US); **F04C 2/10** (2013.01 - EP US); **F04C 2/344** (2013.01 - EP US); **Y10T 403/7009** (2015.01 - EP US); **Y10T 403/7035** (2015.01 - EP US)

Citation (search report)
See references of WO 2005108791A1

Cited by
CN107438699A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005108791 A1 20051117; DE 112005001635 A5 20070531; EP 1756426 A1 20070228; EP 1756426 B1 20170405; US 2008260563 A1 20081023; US 7695262 B2 20100413

DOCDB simple family (application)
DE 2005000800 W 20050430; DE 112005001635 T 20050430; EP 05746325 A 20050430; US 57964705 A 20050430