

Title (en)
PUMP

Title (de)
PUMPE

Title (fr)
POMPE

Publication
EP 2035710 B1 20110316 (DE)

Application
EP 07722522 A 20070612

Priority
• DE 2007001020 W 20070612
• DE 102006029165 A 20060624

Abstract (en)
[origin: US8235682B2] Pump, in particular a servo steering pump for motor vehicles, having a flow control valve and a valve sleeve which has inflow openings to the flow control valve and a pressure connection to a hydraulic load.

IPC 8 full level
F04C 2/344 (2006.01); **F04C 14/24** (2006.01)

CPC (source: EP US)
F04C 14/24 (2013.01 - EP US); **F04C 2/344** (2013.01 - EP US); **Y10T 137/85978** (2015.04 - EP US)

Citation (examination)
DE 4428667 A1 19950216 - TRW INC [US]

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 LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007147382 A1 20071227; AT E502215 T1 20110415; CN 101479483 A 20090708; CN 101479483 B 20110413;
DE 112007001449 A5 20090402; DE 502007006732 D1 20110428; EP 2035710 A1 20090318; EP 2035710 B1 20110316;
ES 2360144 T3 20110601; JP 2009541646 A 20091126; JP 5114479 B2 20130109; US 2009301586 A1 20091210; US 8235682 B2 20120807

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DE 2007001020 W 20070612; AT 07722522 T 20070612; CN 200780023753 A 20070612; DE 112007001449 T 20070612;
DE 502007006732 T 20070612; EP 07722522 A 20070612; ES 07722522 T 20070612; JP 2009516873 A 20070612; US 30877707 A 20070612