

Title (en)
CONTROLLABLE COOLANT PUMP

Title (de)
REGELBARE KÜHLMITTELPUMPE

Title (fr)
POMPE À LIQUIDE DE REFROIDISSEMENT RÉGLABLE

Publication
EP 2681452 B1 20151007 (DE)

Application
EP 12714542 A 20120222

Priority
• DE 102011012826 A 20110302
• DE 2012000173 W 20120222

Abstract (en)
[origin: DE102011012826B3] The pump has a crank plate ring (29) provided with a piston bore (30) for a working piston (24) and rotatably arranged at an outer cover of an eccentric bush (27). A non return valve (34) is arranged between a bore outlet of a blind borehole (20) and a pressure channel (13). A passage hole (35) is arranged between the pressure channel and a pressure chamber (16) before a magnetic valve (12). The magnetic valve produces defined pressurization of a regulating valve (7). A vane wheel socket (42) is arranged in a vane wheel (5).

IPC 8 full level
F01P 5/10 (2006.01); **F04D 13/12** (2006.01); **F04D 15/00** (2006.01); **F01P 5/14** (2006.01); **F01P 7/14** (2006.01); **F04B 9/04** (2006.01); **F04D 1/00** (2006.01); **F04D 13/02** (2006.01)

CPC (source: EP US)
F04B 1/0413 (2013.01 - EP); **F04B 9/045** (2013.01 - EP); **F04B 23/103** (2013.01 - EP US); **F04B 23/14** (2013.01 - EP US); **F04D 15/0022** (2013.01 - EP); **F04D 15/0038** (2013.01 - EP US); **F01P 5/14** (2013.01 - EP); **F01P 2007/146** (2013.01 - EP); **F04D 1/00** (2013.01 - EP); **F04D 13/021** (2013.01 - EP); **F05D 2270/64** (2013.01 - EP)

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