

Title (en)

An electric pump for cooling circuits

Title (de)

Eine elektrische Pumpe für die Kühlkreisläufe

Title (fr)

Une pompe électrique pour circuits de refroidissement

Publication

EP 1503083 B1 20090812 (EN)

Application

EP 04005881 A 20040312

Priority

IT MI20030364 U 20030730

Abstract (en)

[origin: EP1503083A1] An electric pump (10) for cooling circuits of internal combustion engines comprising a rotor (12) with shaft (16), a stator (14), an impeller (18) connected to an end of said rotor and provided with two or more pass-through holes (46), a control and command electronic board (20) and a containment casing or shell (22) wherein said casing is made of thermo-setting resins or plastic material and it is co-moulded with at least said stator (14). <IMAGE>

IPC 8 full level

F04D 13/06 (2006.01); **F01P 5/12** (2006.01); **F04D 29/02** (2006.01); **F04D 29/04** (2006.01); **F04D 29/20** (2006.01); **F04D 29/42** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP)

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Cited by

CN107269546A; CN107476987A; CN107248789A; CN103443467A; CN103502652A; DE102007010050A1; CN107725395A; US2014369824A1; US9624945B2; WO2015166372A1; US10151328B2; WO2015059586A1; WO2014090078A1; WO2014090079A1; US9587647B2; WO2014083441A1; WO2016046682A1; WO2014068417A1; EP3021016A1; DE202013012344U1; WO2024044988A1; WO2011095907A1; EP2687728A1; DE202011110766U1; DE202011110767U1

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