

Title (en)
Centrifugal pump with cooled electronic unit

Title (de)
Kreiselpumpe mit gekühlter Elektronikeinheit

Title (fr)
Pompe centrifugale avec unité électronique refroidie

Publication
EP 1134419 B1 20061220 (DE)

Application
EP 01106106 A 20010313

Priority
DE 10013042 A 20000317

Abstract (en)
[origin: EP1134419A2] The pump (1) is driven by an electric motor (2) controled by an electronic unit (4) on the end of the motor remote from the pump chamber. The motor has at least two feed channels (35a,35b) leading from different pressure areas of the pump as high and low pressure channels connected to a cooling channel (30) passing through the electronic unit so that cooling liquid flows through the unit.

IPC 8 full level
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CPC (source: EP)
F04D 13/06 (2013.01); **F04D 13/0686** (2013.01); **F04D 15/0066** (2013.01); **F04D 29/5813** (2013.01)

Cited by
DE10214307A1; DE102006032356B3; CN110094342A; EP1217217A1; DE10301613A1; DE10301613B4; US7741741B2; WO2009015956A1; WO2007146882A1; JP2010535304A

Designated contracting state (EPC)
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