

Title (en)
Submersible motor pump unit

Title (de)
Tauchpumpenanordnung

Title (fr)
Groupe électropompe submersible

Publication
EP 1179681 B1 20050608 (DE)

Application
EP 01118688 A 20010803

Priority
DE 10039117 A 20000807

Abstract (en)
[origin: EP1179681A2] The immersion pump device has at least one immersion pump within a water-tight housing (1), together with an electric drive motor (4) for the pump wheel (11) which rotates in an open pressure chamber (9), with a pressure switch (23) for switching in the pump when the output pressure drops below a lower threshold and switching out the pump when the output pressure is above a higher threshold. The pressure switch is contained in a separate housing module (3) attached to the housing module (2) containing the pump and communicating with a pressure channel (19) provided by an intermediate space (18), with a sealed cable guide (24) between the housing modules for the connections between the pressure switch and the pump drive motor.

IPC 1-7
F04D 13/08; F04D 15/02; F04D 29/62; F04D 29/42

IPC 8 full level
F04D 13/08 (2006.01); **F04D 15/02** (2006.01); **F04D 29/42** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)
F04D 13/086 (2013.01); **F04D 15/0209** (2013.01)

Cited by
EP1359259A1; CN118654005A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1179681 A2 20020213; **EP 1179681 A3 20040609**; **EP 1179681 B1 20050608**; DE 10039117 A1 20020228; DE 10039117 C2 20030430; DE 50106435 D1 20050714

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