

Title (en)
Pump assembly

Title (de)
Pumpeanordnung

Title (fr)
Assemblage de pompe

Publication
EP 1635064 A1 20060315 (EN)

Application
EP 05018573 A 20050826

Priority
GB 0420417 A 20040914

Abstract (en)
A pump assembly (10) including an electric motor (12), a pumping element (14) mounted in a pump chamber (16), the motor (12) being connected to the pumping element (14) such that activation of the motor (12) causes movement of the pumping element (14) which in turn causes pumping of fluid in the pump chamber (16), and a motor controller (44) which includes at least one electrical or electronic component and which controls operation of the motor (12), wherein at least one electrical or electronic component of the motor controller (44) is mounted on or in a wall of the pump chamber (16).

IPC 8 full level
F04D 13/06 (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)
F04D 13/0606 (2013.01 - EP US); **F04D 13/0686** (2013.01 - EP US); **F04D 29/426** (2013.01 - EP US)

Citation (search report)

- [X] DE 10246349 A1 20040429 - SIEMENS AG [DE]
- [X] EP 1085217 A2 20010321 - WILO GMBH [DE]
- [X] US 5785013 A 19980728 - SINN WALTHER [DE], et al
- [X] DE 4238925 A1 19940526 - TEVES GMBH ALFRED [DE]
- [A] US 2001033800 A1 20011025 - DEAI JUNJI [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 307 (M - 1143) 6 August 1991 (1991-08-06)

Cited by
CN102182694A; EP2949941A1; CN105317692A; EP2796722A1; WO2015197161A1

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