

Title (en)
Battery drive circulation pump

Title (de)
Pumpe mit Batterie

Title (fr)
Pompe entraînée par batterie

Publication
EP 1308627 B1 20110323 (DE)

Application
EP 02022090 A 20021002

Priority
DE 10153068 A 20011030

Abstract (en)
[origin: EP1308627A2] The unit includes a casing and battery (11) supplying the motor (8) and control electronics.

IPC 8 full level
F04D 13/06 (2006.01)

CPC (source: EP)
F04D 13/06 (2013.01); **F04D 13/068** (2013.01)

Citation (examination)

- DE 19939522 A1 20010222 - WILO GMBH [DE]
- DE 19800004 A1 19980910 - LINDE AG [DE]

Cited by
CN110101927A; WO2019149391A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1308627 A2 20030507; EP 1308627 A3 20040114; EP 1308627 B1 20110323; DE 10153068 A1 20030515; DE 50214973 D1 20110505

DOCDB simple family (application)
EP 02022090 A 20021002; DE 10153068 A 20011030; DE 50214973 T 20021002