

Title (en)
PUMP FOR LIQUIDS UNDER POSITIVE PRESSURE

Title (de)
PUMPE FÜR FLÜSSIGKEITEN UNTER ÜBERDRUCK

Title (fr)
POMPE POUR LIQUIDES SOUS PRESSION POSITIVE

Publication
EP 1817502 A1 20070815 (EN)

Application
EP 05802242 A 20051112

Priority
• EP 2005012142 W 20051112
• DE 102004058533 A 20041204

Abstract (en)
[origin: WO2006058607A1] A pump for liquids at positive pressure, comprising a pump chamber (18) accommodating an impeller (24), wherein the impeller (24) is axially biased against a non-rotating support element (48) which determines the axial position of the impeller (24). The shaft (42) may be coupled to a drive shaft (64) through a magnet coupling (56, 62).

IPC 8 full level
F04D 13/02 (2006.01); **F04D 29/04** (2006.01)

CPC (source: EP US)
F04D 13/026 (2013.01 - EP US); **F04D 29/0413** (2013.01 - EP US); **F04D 29/047** (2013.01 - EP US)

Citation (search report)
See references of WO 2006058607A1

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DE 102004058533 A 20041204; CN 200580041512 A 20051112; EP 05802242 A 20051112; EP 2005012142 W 20051112; JP 2007543723 A 20051112; TW 94141390 A 20051125; US 72032605 A 20051112