

Title (en)
PUMP FOR LIQUIDS AND GASES

Publication
EP 0105877 B1 19870909 (EN)

Application
EP 83900580 A 19830215

Priority
NO 820431 A 19820215

Abstract (en)
[origin: WO8302805A1] Pump for liquids and gases, particularly for immersing in a well hole. A pump piston (35) is operated by a double acting operating piston (33) provided with working medium through a supply conduit (13). The supply of working medium to the respective sides of the operating piston (33) is controlled by a reversing valve (34). This has a slide (45) being operated by the operating piston (33).

IPC 1-7
F04B 47/04; **F04B 9/10**

IPC 8 full level
F04B 9/10 (2006.01); **F04B 9/105** (2006.01); **F04B 9/14** (2006.01); **F04B 47/04** (2006.01); **F04B 47/08** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)
F04B 9/105 (2013.01); **F04B 47/04** (2013.01)

Cited by
CN106869234A

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
WO 8302805 A1 19830818; AU 1159283 A 19830825; DE 3373517 D1 19871015; DK 159857 B 19901217; DK 466783 A 19831011; DK 466783 D0 19831011; EP 0105877 A1 19840425; EP 0105877 B1 19870909; FI 72784 B 19870331; FI 72784 C 19870710; FI 833737 A0 19831014; JP H0380993 B2 19911226; JP S59500179 A 19840202; NO 150371 B 19840625; NO 150371 C 19841003; NO 820431 L 19830816

DOCDB simple family (application)
NO 8300005 W 19830215; AU 1159283 A 19830215; DE 3373517 T 19830215; DK 466783 A 19831011; EP 83900580 A 19830215; FI 833737 A 19831014; JP 50065983 A 19830215; NO 820431 A 19820215