

Title (en)
Pumpand reservoir combination.

Title (de)
Pumpekombiniert mit Reservoir.

Title (fr)
Pompecombinée avec un réservoir.

Publication
EP 0225696 A1 19870616 (EN)

Application
EP 86307792 A 19861009

Priority
• GB 8524991 A 19851010
• GB 8617751 A 19860721

Abstract (en)
A pump (32; 32 min) comprises a flexible member (52; 52 min) defining at least part of a variable volume pumping chamber, an inlet valve (31a; 71) to permit of liquid to enter the chamber thereby and an outlet valve (37; 37 min) to permit of liquid to leave the chamber thereby, and operating means (10; 10 min) to deform the flexible member to vary the volume of the pumping chamber to pump liquid into and out of the chamber.

IPC 1-7
F04B 43/08; F04B 23/02; E03D 5/01; E03D 5/016

IPC 8 full level
A47K 4/00 (2006.01); **E03D 5/01** (2006.01); **E03D 5/016** (2006.01); **F04B 23/02** (2006.01); **F04B 43/08** (2006.01)

CPC (source: EP)
A47K 4/00 (2013.01); **E03D 5/01** (2013.01); **E03D 5/016** (2013.01); **F04B 23/023** (2013.01); **F04B 43/08** (2013.01)

Citation (search report)
• [X] GB 939529 A 19631016 - KIGASS LTD
• [Y] FR 1219122 A 19600516 - GALLAY LTD
• [X] GB 191504941 A 19150729 - LEMAN ALBERT [FI]
• [Y] GB 1383767 A 19740212 - ELSAN LTD
• GB 1302532 A 19730110
• [A] GB 1302532 A 19730110
• [A] GB 1591701 A 19810624 - MASABE HOLDING INC
• [A] FR 1555177 A 19690124
• [A] US 4028747 A 19770614 - NEWTON LEROY

Cited by
GB2207199B

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

DOCDB simple family (publication)
WO 8702424 A1 19870423; AU 593590 B2 19900215; AU 6475786 A 19870505; DK 292987 A 19870609; DK 292987 D0 19870609; EP 0225696 A1 19870616; GB 2182981 A 19870528; GB 2182981 B 19900214; GB 8624375 D0 19861112; PT 83520 A 19870529

DOCDB simple family (application)
GB 8600612 W 19861009; AU 6475786 A 19861009; DK 292987 A 19870609; EP 86307792 A 19861009; GB 8624375 A 19861010; PT 8352086 A 19861010