

Title (en)  
LEVER-OPERATED PUMP

Title (de)  
HANDHEBELBETÄTIGTE PUMPE

Title (fr)  
POMPE A LEVIER

Publication  
**EP 0710156 B1 19990623 (DE)**

Application  
**EP 94924246 A 19940708**

Priority  

- DE 4324608 A 19930722
- DE 4333550 A 19931001
- DE 4411031 A 19940330
- EP 9402246 W 19940708

Abstract (en)  
[origin: WO9503132A1] The invention relates to a lever-operated pump (1) for conveying liquid or paste-like media, with a pump chamber (10) having an inlet valve (11) and an outlet valve (12), a pump piston (5) co-operating with a pump cylinder (6) and a base cover (72) for an extractor aperture of a storage vessel, in which the base cover (72) is traversed by a suction pipe (13), and with a return spring. To provide the simplest and most structurally reliable design possible, the invention proposes that the return spring be supported on the base cover on the storage vessel side.

IPC 1-7  
**B05B 11/00**

IPC 8 full level  
**B05B 11/00** (2006.01)

CPC (source: EP KR)  
**B05B 11/00** (2013.01 - KR); **B05B 11/0005** (2013.01 - EP); **B05B 11/1004** (2023.01 - EP); **B05B 11/1011** (2023.01 - EP);  
**B05B 11/1074** (2023.01 - EP); **B05B 11/1077** (2023.01 - EP); **B05B 11/1095** (2023.01 - EP); **B05B 11/0032** (2013.01 - EP)

Cited by  
WO2014074654A1

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

DOCDB simple family (publication)  
**WO 9503132 A1 19950202**; AT E181519 T1 19990715; AU 7458294 A 19950220; BR 9407134 A 19960917; CA 2167799 A1 19950202;  
CN 1129410 A 19960821; CZ 19696 A3 19960814; DE 4411031 A1 19950126; DE 59408437 D1 19990729; EP 0710156 A1 19960508;  
EP 0710156 B1 19990623; ES 2133569 T3 19990916; JP H09501347 A 19970210; KR 960703680 A 19960831; PL 318466 A1 19970623

DOCDB simple family (application)  
**EP 9402246 W 19940708**; AT 94924246 T 19940708; AU 7458294 A 19940708; BR 9407134 A 19940708; CA 2167799 A 19940708;  
CN 94193088 A 19940708; CZ 19696 A 19940708; DE 4411031 A 19940330; DE 59408437 T 19940708; EP 94924246 A 19940708;  
ES 94924246 T 19940708; JP 50489995 A 19940708; KR 19960700275 A 19960119; PL 31846694 A 19940708