

Title (en)

DEVICE FOR OPENING AND CLOSING A VALVE

Title (de)

ANORDNUNG ZUM ÖFFNEN UND SCHLIESSEN EINER VERSCHLUSSKLAPPE

Title (fr)

DISPOSITIF POUR L'OUVERTURE ET LA FERMETURE D'UN CLAPET

Publication

**EP 0776425 B1 19981104 (DE)**

Application

**EP 94925434 A 19940805**

Priority

- DE 4327177 A 19930813
- EP 9402603 W 19940805

Abstract (en)

[origin: WO9505538A1] The invention concerns a device for opening and closing a closure cap (16) fitted over a cleaning aperture (10) in the floor of the discharge container (12) of a pump (14) for thick-bodies fluids. The cap (16) is linked to a hydraulic drive unit (20) and can be swung out hydraulically, when a control valve (48) is actuated, into the open position in which the discharge outlet is left open. The cap (16) is swung back into the closed position by means of a hand-operated lever (23), the hydraulic drive unit (20) being returned at the same time to its initial position.

IPC 1-7

**F04B 15/02**

IPC 8 full level

**F16K 31/122** (2006.01); **B08B 9/055** (2006.01); **F04B 15/02** (2006.01); **F16K 31/46** (2006.01)

CPC (source: EP US)

**F04B 15/023** (2013.01 - EP US); **Y10S 417/90** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

**DE 4327177 A1 19950216**; DE 59407244 D1 19981210; EP 0776425 A1 19970604; EP 0776425 B1 19981104; ES 2124907 T3 19990216; JP H10508074 A 19980804; US 5823748 A 19981020; WO 9505538 A1 19950223

DOCDB simple family (application)

**DE 4327177 A 19930813**; DE 59407244 T 19940805; EP 9402603 W 19940805; EP 94925434 A 19940805; ES 94925434 T 19940805; JP 50671995 A 19940805; US 59627796 A 19960208