

Title (en)

DEVICE FOR PROTECTING A LIQUID IN A NECKED CONTAINER FROM THE OVERLYING ATMOSPHERE

Title (de)

VORRICHTUNG ZUM SCHUTZ EINER FLÜSSIGKEIT VOR DER DARÜBERLIEGENDEN ATMOSPHERE IN EINEM BEHÄLTER MIT HALS

Title (fr)

DISPOSITIF DE PROTECTION, VIS-A-VIS DE L'ATMOSPHERE QUI LE SURMONTE, D'UN LIQUIDE DANS UN RECIPIENT A COL

Publication

**EP 1973807 A2 20081001 (FR)**

Application

**EP 06842279 A 20061227**

Priority

- IB 2006003773 W 20061227
- FR 0513408 A 20051228

Abstract (en)

[origin: FR2895376A1] The apparatus consists of a disc (12) of an elastically deformable material with a density below that of the liquid being protected, able to slide on a guide rod (11) connected to a pourer in the form of a tubular body (1). The open upper end of the pourer sits in the neck of the container, e.g. a bottle (4), and is closed by a stopper (10). The disc rests on the surface of the liquid remaining in the bottle, protecting it from the outside atmosphere, while allowing it to be poured through an aperture in the side wall of the pourer when the stopper is removed and the bottle is tilted. The disc flexes easily to allow it to be inserted or removed through the bottle neck.

IPC 8 full level

**B65D 81/24** (2006.01)

CPC (source: EP)

**B65D 81/245** (2013.01)

Citation (search report)

See references of WO 2007074382A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2895376 A1 20070629; FR 2895376 B1 20080201**; AT E450454 T1 20091215; DE 602006010908 D1 20100114; EP 1973807 A2 20081001; EP 1973807 B1 20091202; WO 2007074382 A2 20070705; WO 2007074382 A3 20071004

DOCDB simple family (application)

**FR 0513408 A 20051228**; AT 06842279 T 20061227; DE 602006010908 T 20061227; EP 06842279 A 20061227; IB 2006003773 W 20061227