

Title (en)

CLOSURE DEVICE FOR A FLUID PRODUCT RESERVOIR

Title (de)

VERSCHLUSSVORRICHTUNG FÜR EINEN BEHÄLTER FÜR FLIESSFÄHIGE MATERIALIEN

Title (fr)

DISPOSITIF DE FERMETURE DE RESERVOIR DE PRODUIT FLUIDE

Publication

EP 1606190 B1 20070516 (FR)

Application

EP 04719489 A 20040311

Priority

- FR 2004000581 W 20040311
- FR 0303144 A 20030314

Abstract (en)

[origin: FR2852295A1] The device has a fixation unit (210) cooperating with an opening of a tank. A distribution conduit (220) forms an outlet passage (221) for a fluid product contained in the tank and an orifice (222) for distribution. A closing unit tightly seals the conduit. The closing unit is connected to the conduit by a strapping material (232) intended to be broken at time of withdrawal of the closing unit.

IPC 8 full level

B65D 75/58 (2006.01); **B65D 47/10** (2006.01); **B65D 47/36** (2006.01)

CPC (source: EP US)

B65D 47/10 (2013.01 - EP US); **B65D 47/36** (2013.01 - EP US); **B65D 75/5883** (2013.01 - EP US); **B65D 2575/583** (2013.01 - EP US); **Y10S 383/904** (2013.01 - EP); **Y10S 383/906** (2013.01 - EP)

Cited by

CN102717964A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2007012644 A1 20070118; **US 7762414 B2 20100727**; AT E362452 T1 20070615; BR PI0408364 A 20060321; CN 1777548 A 20060524; DE 602004006502 D1 20070628; DE 602004006502 T2 20080117; EP 1606190 A2 20051221; EP 1606190 B1 20070516; ES 2290683 T3 20080216; FR 2852295 A1 20040917; FR 2852295 B1 20070622; WO 2004083044 A2 20040930; WO 2004083044 A3 20041028

DOCDB simple family (application)

US 54950104 A 20040311; AT 04719489 T 20040311; BR PI0408364 A 20040311; CN 200480010444 A 20040311; DE 602004006502 T 20040311; EP 04719489 A 20040311; ES 04719489 T 20040311; FR 0303144 A 20030314; FR 2004000581 W 20040311