

Title (en)

DEVICE AND METHOD FOR FILLING A TANK WITH A FLUID PRODUCT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TANKBEFÜLLUNG MIT EINEM FLÜSSIGEN PRODUKT

Title (fr)

DISPOSITIF ET PROCÉDÉ DE REMPLISSAGE DE RÉSERVOIR EN PRODUIT FLUIDE

Publication

EP 2049400 A1 20090422 (FR)

Application

EP 07823581 A 20070713

Priority

- FR 2007051660 W 20070713
- FR 0653065 A 20060721

Abstract (en)

[origin: WO2008009844A1] Device for filling tanks (1) with a fluid product (P), the device comprising means (2) for injecting the fluid product, a filling nozzle (3) connected to the injection means (2), supporting means (5) for supporting a tank (1), and means of relative displacement (4) for bringing the nozzle (3) towards or away from the supporting means (5) along an axis (X), said device being characterized in that the supporting means (5) are connected to rotation means (6) for turning the supporting means and thus the tank (1) upon itself about the axis (X).

IPC 8 full level

B65B 43/62 (2006.01); **B65B 3/18** (2006.01); **B65B 39/12** (2006.01); **B65B 43/59** (2006.01); **B67D 7/42** (2010.01); **B67D 99/00** (2010.01)

CPC (source: EP US)

B65B 3/18 (2013.01 - EP US); **B65B 39/12** (2013.01 - EP US); **B65B 43/59** (2013.01 - EP US); **B65B 43/62** (2013.01 - EP US)

Citation (search report)

See references of WO 2008009844A1

Designated contracting state (EPC)

DE ES FR GB IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008009844 A1 20080124; BR PI0714392 A2 20130326; CN 101511678 A 20090819; CN 101511678 B 20110223; EP 2049400 A1 20090422; EP 2049400 B1 20110629; ES 2368616 T3 20111118; FR 2903975 A1 20080125; FR 2903975 B1 20110121; US 2009283175 A1 20091119

DOCDB simple family (application)

FR 2007051660 W 20070713; BR PI0714392 A 20070713; CN 200780032718 A 20070713; EP 07823581 A 20070713; ES 07823581 T 20070713; FR 0653065 A 20060721; US 37400507 A 20070713