

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
SPENDER FÜR FLÜSSIGE PRODUKTE

Title (fr)
DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 1497201 B1 20051207 (FR)

Application
EP 03738187 A 20030324

Priority
• FR 0300927 W 20030324
• FR 0203923 A 20020326

Abstract (en)
[origin: WO03080470A2] The invention relates to a fluid product dispenser. The inventive dispenser consists of: an entraining gas container (10) comprising actuation means (12') which pressurise the gas in the container, a fluid product container (3), and a dispensing orifice (21) which is designed for the passage of a mixture of entraining gas and fluid product. The aforementioned fluid product container (3) is separated from the gas container (10) by means of a partition (31"; 31'") which is permeable to the gas and impermeable to the fluid product, such that the pressurised gas enters the fluid product container (3) through the partition and carries the fluid product therewith towards the dispensing orifice. The invention is characterised in that the fluid product is moved towards the dispensing orifice by push means (32", 32'"), such that there is always fluid product at the dispensing orifice during the dispensing of said fluid.

IPC 1-7
B65D 83/60

IPC 8 full level
B65D 83/38 (2006.01); **B05B 11/04** (2006.01); **B05B 11/06** (2006.01); **B65D 83/00** (2006.01); **B65D 83/06** (2006.01); **B65D 83/16** (2006.01); **B65D 83/28** (2006.01); **B65D 83/42** (2006.01); **B65D 83/58** (2006.01)

CPC (source: EP)
B05B 11/06 (2013.01); **B05B 11/062** (2013.01); **B65D 83/0055** (2013.01); **B65D 83/06** (2013.01)

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 03080470 A2 20031002; WO 03080470 A3 20040401; BR 0308044 A 20041221; CN 1642828 A 20050720; DE 60308914 D1 20061116; DE 60308914 T2 20061221; EP 1497201 A2 20050119; EP 1497201 B1 20051207; ES 2253687 T3 20060601; FR 2837800 A1 20031003; FR 2837800 B1 20050624; JP 2005527434 A 20050915

DOCDB simple family (application)
FR 0300927 W 20030324; BR 0308044 A 20030324; CN 03806817 A 20030324; DE 60308914 T 20030324; EP 03738187 A 20030324; ES 03738187 T 20030324; FR 0203923 A 20020326; JP 2003578245 A 20030324