

Title (en)

CONTROL VALVE FOR A FLUID PRODUCT DISPENSER AND A FLUID PRODUCT DISPENSER COMPRISING SUCH A VALVE

Title (de)

STEUERVENTIL FÜR EINEN FLUIDPRODUKTSPENDER UND SOLCH EIN VENTIL UMFASSENDE FLUIDPRODUKTSPENDER

Title (fr)

VALVE DE DISTRIBUTION DE PRODUITS FLUIDES ET DISTRIBUTEUR COMPORTANT UNE TELLE VALVE

Publication

EP 1651538 B1 20061227 (FR)

Application

EP 04767546 A 20040701

Priority

- FR 2004001704 W 20040701
- FR 0308065 A 20030702

Abstract (en)

[origin: FR2856990A1] The valve has a valve stem (10) with a dosing chamber (20). A valve (30) distributes fluid product e.g. aerosol, contained in the chamber, and a valve (40) fills the chamber. The two valves (30, 40) are activated separately during use of the valve. The two valves (30, 40) are activated together for filling a container with the product. The chamber is sealed from the container and outside, in rest position of the valve. An independent claim is also included for a fluid product distributor comprising a valve.

IPC 8 full level

B65D 83/14 (2006.01); **G01F 11/32** (2006.01)

CPC (source: EP US)

B65D 83/425 (2013.01 - EP US); **B65D 83/54** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

FR 2856990 A1 20050107; CN 1852842 A 20061025; DE 602004003951 D1 20070208; DE 602004003951 T2 20071011; EP 1651538 A2 20060503; EP 1651538 B1 20061227; JP 2007516133 A 20070621; US 2006243753 A1 20061102; WO 2005012137 A2 20050210; WO 2005012137 A3 20050421

DOCDB simple family (application)

FR 0308065 A 20030702; CN 200480018648 A 20040701; DE 602004003951 T 20040701; EP 04767546 A 20040701; FR 2004001704 W 20040701; JP 2006518276 A 20040701; US 56269204 A 20040701