

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLÜSSIGKEITSSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 1585686 A1 20051019 (FR)

Application
EP 03799661 A 20031219

Priority
• FR 0303834 W 20031219
• FR 0216545 A 20021223

Abstract (en)
[origin: FR2848997A1] The powder dispenser consists of a container with convex (2) and flat (3) walls, and a nozzle (5) with an outlet. At least half of the container is filled with a porous element (4) of an elastically deformable material that is impregnated with the powder (23) and a gas, e.g. air. The product is expelled through the nozzle by pressing the container's convex wall.

IPC 1-7
B65D 75/58; **B65D 83/00**

IPC 8 full level
B65D 75/58 (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP)
B65D 75/5811 (2013.01); **B65D 83/0055** (2013.01)

Citation (search report)
See references of WO 2004058595A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
FR 2848997 A1 20040625; **FR 2848997 B1 20050708**; BR 0317637 A 20051129; CN 100393591 C 20080611; CN 1705592 A 20051207; DE 60305535 D1 20060629; DE 60305535 T2 20070510; EP 1585686 A1 20051019; EP 1585686 B1 20060524; ES 2264544 T3 20070101; JP 2006511404 A 20060406; JP 4409444 B2 20100203; WO 2004058595 A1 20040715

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FR 0216545 A 20021223; BR 0317637 A 20031219; CN 200380101778 A 20031219; DE 60305535 T 20031219; EP 03799661 A 20031219; ES 03799661 T 20031219; FR 0303834 W 20031219; JP 2004563284 A 20031219