

Title (en)
DISPENSER FOR LIQUID OR PASTY PRODUCT

Title (de)
ABGABEVORRICHTUNG FÜR FLÜSSIGES ODER PASTENARTIGES PRODUKT

Title (fr)
DISTRIBUTEUR DE PRODUIT LIQUIDE OU PATEUX

Publication
EP 1549566 A1 20050706 (FR)

Application
EP 03795043 A 20030912

Priority
• FR 0302699 W 20030912
• FR 0211417 A 20020913

Abstract (en)
[origin: FR2844506A1] The dispenser comprises a hollow body (14) in which a piston (20) can move and delimit a chamber for the product. An outlet channel (18) is defined in an end wall of the body. The piston has a hollow internally threaded skirt (30) and a knurled wheel (24) with an internal threaded cylindrical part is screwed into the skirt. The piston is rotationally locked in the body so that activating the knurled wheel causes the axial displacement of the piston and controlled dispensing of the product. An Independent claim is included for a method of filling the dispenser.

IPC 1-7
B65D 83/00; **B65D 47/20**

IPC 8 full level
B67D 7/60 (2010.01); **B05C 17/01** (2006.01); **B65D 47/20** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)
B65D 47/2068 (2013.01 - EP US); **B65D 83/0011** (2013.01 - EP US); **B65D 83/0027** (2013.01 - EP US)

Cited by
RU2721360C1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004024592 A1 20040325; AT E412590 T1 20081115; AU 2003276331 A1 20040430; BR 0314432 A 20050719; CA 2498744 A1 20040325; CN 100411957 C 20080820; CN 1681720 A 20051012; DE 60324445 D1 20081211; EP 1549566 A1 20050706; EP 1549566 B1 20081029; ES 2315564 T3 20090401; FR 2844506 A1 20040319; FR 2844506 B1 20041210; JP 2005538002 A 20051215; MX PA05002759 A 20050603; US 2005242127 A1 20051103; US 7325707 B2 20080205

DOCDB simple family (application)
FR 0302699 W 20030912; AT 03795043 T 20030912; AU 2003276331 A 20030912; BR 0314432 A 20030912; CA 2498744 A 20030912; CN 03821770 A 20030912; DE 60324445 T 20030912; EP 03795043 A 20030912; ES 03795043 T 20030912; FR 0211417 A 20020913; JP 2004535603 A 20030912; MX PA05002759 A 20030912; US 8608605 A 20050322