Title (en)
   APPLICATION DEVICE FOR LIQUID PRODUCT

Title (de)
   AUFTRAGSVORRICHTUNG FÜR FLÜSSIGES PRODUKT

Title (fr)
   DISPOSITIF APPLICATEUR DE PRODUIT LIQUIDE

Publication
   EP 1638855 A2 20060329 (FR)

Application
   EP 04767269 A 20040607

Priority
   • FR 2004001402 W 20040607
   • FR 0306897 A 20030606

Abstract (en)
   [origin: FR2855818A1] The device has a cover (7) covering an opening of a flask (1). The cover comprises of six capillary channels (5) for liberating a liquid product (2) in a sampling tube. One end of the channels open in the liquid product sampling tube while other ends of the channels open to exterior of the cover. The tube is realized to retain a quantity of the product by capillary phenomenon. An independent claim is also included for a flask applicator of liquid product.

IPC 1-7
   B65D 47/18

IPC 8 full level
   A45D 34/04 (2006.01); A45D 34/02 (2006.01); A45D 40/00 (2006.01)

CPC (source: EP KR US)
   A45D 34/04 (2013.01 - EP US); **B65D 47/06** (2013.01 - KR); **B65D 47/18** (2013.01 - KR); **B65D 47/40** (2013.01 - KR); **B65D 51/32** (2013.01 - KR); A45D 34/02 (2013.01 - EP US); A45D 40/0087 (2013.01 - EP US)

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
   US 2006140707 A1 20060629; **US 7338228 B2 20080304**; AT E446918 T1 20091115; BR PI0411044 A 20060711; CA 2528369 A1 20041223; CN 1849246 A 20061018; DE 602004023844 D1 20091210; EP 1638855 A2 20060329; EP 1638855 B1 20091028; FR 2855818 A1 20041210; FR 2855818 B1 20060331; JP 2006527138 A 20061130; KR 20060021879 A 20060308; RU 2006101217 A 20060610; WO 2004110900 A2 20041223; WO 2004110900 A3 20050224

DOCDB simple family (application)
   US 29504705 A 20051206; AT 04767269 T 20040607; BR PI0411044 A 20040607; CA 2528369 A 20040607; CN 200480015700 A 20040607; DE 602004023844 T 20040607; EP 04767269 A 20040607; FR 0306897 A 20030606; FR 2004001402 W 20040607; JP 2006508359 A 20040607; KR 20057023477 A 20051206; RU 2006101217 A 20040607