Title (en)

DEVICE FOR SELECTIVELY DISPENSING TWO PRODUCTS

Title (de)

VORRICHTUNG ZUR SELEKTIVEN AUSGABE VON ZWEI FLÜSSIGKEITEN

Title (fr)

DISPOSITIF POUR LA DISTRIBUTION SELECTIVE DE DEUX PRODUITS

Publication

EP 1315577 A1 20030604 (FR)

Application

EP 01967436 A 20010906

Priority

- FR 0102767 W 20010906
- FR 0011468 A 20000908

Abstract (en)

[origin: WO0220169A1] The invention concerns a device for selectively dispensing liquid products from several independent containers (R) each equipped with a collecting member (P) provided with a dispensing head (T) capable of being actuated by axial manual pressure. The invention is characterised in that it comprises a single push-button (1) whereof the lower surface (1a) is provided with a series of axial sleeves (10) capable of being urged to cap simultaneously and removably one or several dispensing heads (T) by rotating and orienting said push-button (1) on a central bearing (2) integral with the containers (R).

IPC 1-7

B05B 11/00

IPC 8 full level

A45D 34/02 (2006.01); **A61M 11/00** (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **B65D 83/76** (2006.01)

CPC (source: EP US)

B05B 11/1084 (2023.01 - EP US)

Citation (search report)

See references of WO 0220169A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0220169 A1 20020314; AT E389462 T1 20080415; AU 8781601 A 20020322; BR 0113883 A 20030715; CA 2422127 A1 20020314; CN 1200775 C 20050511; CN 1452515 A 20031029; DE 60133296 D1 20080430; DE 60133296 T2 20090430; EP 1315577 A1 20030604; EP 1315577 B1 20080319; FR 2813864 A1 20020315; FR 2813864 B1 20021220; HK 1061371 A1 20040917; JP 2004516919 A 20040610; MX PA03001979 A 20040910; US 2004238567 A1 20041202; US 6945430 B2 20050920

DOCDB simple family (application)

FR 0102767 W 20010906; AT 01967436 T 20010906; AU 8781601 A 20010906; BR 0113883 A 20010906; CA 2422127 A 20010906; CN 01815163 A 20010906; DE 60133296 T 20010906; EP 01967436 A 20010906; FR 0011468 A 20000908; HK 04102978 A 20040428; JP 2002524636 A 20010906; MX PA03001979 A 20010906; US 36325203 A 20030711