

Title (en)

FIXING ELEMENT FOR DISPENSING A LIQUID PRODUCT AND DISPENSER COMPRISING SAID ELEMENT

Title (de)

BEFESTIGUNGSELEMENT FÜR FLÜSSIGKEITSABGABEVORRICHTUNGEN UND ABGABEVORRICHTUNG EIN SOLCHES ELEMENT ENTHALTEND

Title (fr)

ORGANE DE FIXATION POUR DISTRIBUTEUR DE PRODUIT FLUIDE ET DISTRIBUTEUR COMPORTANT UN TEL ORGANE

Publication

EP 1171367 A1 20020116 (FR)

Application

EP 00912718 A 20000320

Priority

- FR 0000686 W 20000320
- FR 9904770 A 19990416

Abstract (en)

[origin: FR2792295A1] Body (20) of pump (2) has fixing ring (3) with skirt (30) extending in contact of inner wall (11) of neck (10). Outer wall of skirt has outer radial projection (32) that can be placed in recess (12) in inner wall (11). Ring has flange (31) stopping on upper end of neck to fix position of skirt inside neck. Locking ring (4) is forced inside skirt as far as recess of inner wall of neck. An Independent claim is also included for the method for assembling liquid product dispenser.

IPC 1-7

B65D 83/14; **B05B 11/00**

IPC 8 full level

B05B 11/00 (2006.01); **B65D 47/34** (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP US)

B05B 11/0013 (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B65D 83/38** (2013.01 - EP US)

Citation (search report)

See references of WO 0063094A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

FR 2792295 A1 20001020; **FR 2792295 B1 20010622**; DE 60003414 D1 20030724; DE 60003414 T2 20040519; EP 1171367 A1 20020116; EP 1171367 B1 20030618; ES 2199794 T3 20040301; US 6527149 B1 20030304; WO 0063094 A1 20001026; WO 0063095 A1 20001026

DOCDB simple family (application)

FR 9904770 A 19990416; DE 60003414 T 20000320; EP 00912718 A 20000320; ES 00912718 T 20000320; FR 0000686 W 20000320; FR 0000991 W 20000417; US 95830401 A 20011009