

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLÜSSIGKEITSSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 1370477 A1 20031217 (FR)

Application
EP 02716898 A 20020315

Priority
• FR 0200922 W 20020315
• FR 0103890 A 20010322

Abstract (en)
[origin: WO02076853A1] The invention concerns a fluid product dispenser comprising: a container (1) designed to contain the fluid product, said container forming an opening (10) defining an inner wall (11), said inner wall (11) forming a shrunk opening section (13) beneath which the wall (11) is recessed at least locally outwards to form a recessed opening section (14); a dispensing member (2), such as a pump or a valve comprising a body (20); a fixing ring (3) to fix the body (20) of the dispensing member (2) in the opening (10) of the container (1), said ring (3) including receiving means (31) to receive said body (20) and a fixing skirt (32) designed to be press-fitted into said opening (10), said skirt (32) including an outer wall (320) defining a first zone (321) urged to be arranged at the shrunk opening section (13) and a second zone (322) urged to be arranged at the recessed opening section (14), when the skirt (32) is fitted right into the opening (10). The invention is characterised in that the first zone (321) has, prior to the skirt being fitted into the opening, an external diameter greater than the internal diameter of the shrunk opening section (13).

IPC 1-7
B65D 83/14; **B05B 11/00**

IPC 8 full level
B65D 83/76 (2006.01); **B05B 11/00** (2006.01); **B65D 41/02** (2006.01); **B65D 47/34** (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP)
B05B 11/0013 (2013.01); **B05B 11/1047** (2023.01); **B65D 83/38** (2013.01)

Citation (search report)
See references of WO 02076853A1

Cited by
EP2848555A4

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 02076853 A1 20021003; BR 0208216 A 20040302; CN 1228221 C 20051123; CN 1498186 A 20040519; DE 60212587 D1 20060803; DE 60212587 T2 20070524; EP 1370477 A1 20031217; EP 1370477 B1 20060621; ES 2266475 T3 20070301; FR 2822452 A1 20020927; FR 2822452 B1 20030815; JP 2004524233 A 20040812

DOCDB simple family (application)
FR 0200922 W 20020315; BR 0208216 A 20020315; CN 02807068 A 20020315; DE 60212587 T 20020315; EP 02716898 A 20020315; ES 02716898 T 20020315; FR 0103890 A 20010322; JP 2002576125 A 20020315