

Title (en)
Fluid dispenser device

Title (de)
Flüssigkeitsspendervorrichtung

Title (fr)
Dispositif distributeur de fluide

Publication
EP 1525921 A1 20050427 (EN)

Application
EP 03023903 A 20031021

Priority
EP 03023903 A 20031021

Abstract (en)
A fluid dispenser device includes a tubular mount (20) adapted to be fitted onto a top open end of a container (100), a volume variable member (90) received in the mount (20) and defining a passage (94) therein, and a tubular plunger (40) fluidly communicated with an outlet end (92) of the passage (94) and movable along the inner surface of the tubular mount (20) so as to bring the outlet end (92) to move toward a collapsed position to thereby squeeze fluid in the container (100) out of the passage (94). Since the fluid is suctioned into the passage (94) without contact with the inner surface of the tubular mount (20), the smooth movement of the plunger (40) is ensured.

IPC 1-7
B05B 11/00

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
B05B 11/1035 (2023.01)

Citation (search report)

- [XA] US 6536630 B1 20030325 - CHAN CHING-CHUNG [TW], et al
- [XA] EP 1243216 A1 20020925 - ADVANEX INC [JP]
- [XA] EP 0171462 A2 19860219 - PFEIFFER ERICH GMBH & CO KG [DE]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 02 30 January 1998 (1998-01-30)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09 31 July 1998 (1998-07-31)

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)
EP 1525921 A1 20050427

DOCDB simple family (application)
EP 03023903 A 20031021