

Title (en)
Fluid dispenser assembly

Title (de)
Abgabeanordnung für Medien

Title (fr)
Ensemble de distribution de fluide

Publication
EP 1547694 B1 20120208 (EN)

Application
EP 04030249 A 20041221

Priority
• US 19633903 A 20031224
• US 79203604 A 20040303

Abstract (en)
[origin: EP1547694A2] The present invention is directed toward a cost effective instrument for storing a fluid material, and applying a predetermined amount of the fluid material to a surface. The instrument is comprised of few parts including an outer casing (106) and a fluid insert (108), making the instrument cheaper to manufacture, and easy to assemble. The embodiments disclosed can be provided in a preassembled form to cosmetic companies and the like seeking to fill a dispenser with their fluid cosmetic products. The ability to provide dispensers in a pre-assembled form, combined with the compatibility of the fluid dispensers with industrial high speed filling machines, reduces the overall filling costs to the cosmetic company, as well as the cost to the consumer.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
B05B 11/0035 (2013.01); **B05B 11/0054** (2013.01); **B05B 11/1052** (2023.01); **B05B 11/1059** (2023.01); **B05B 11/1067** (2023.01);
B05B 11/0038 (2018.07)

Cited by
CN105722604A; AU2008250037B2; US11946788B2; US10046348B2; WO2008138908A1; US9878103B2; US10675413B2; US11547807B2;
EP3019279B1; EP3068548B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1547694 A2 20050629; EP 1547694 A3 20080514; EP 1547694 B1 20120208

DOCDB simple family (application)
EP 04030249 A 20041221