

Title (en)
Dispensing pourer for flowable media

Title (de)
Spenderausguss für fließfähige Medien

Title (fr)
Verseur distributeur de produits pouvant s'écouler

Publication
EP 1215167 B1 20071212 (DE)

Application
EP 01811147 A 20011127

Priority
CH 24482000 A 20001215

Abstract (en)
[origin: US2002074359A1] A dispenser drain attachment includes a threaded cap having a tapered drain socket and an associated drain tube. The interior of the drain tube has a double diaphragm which seals the drain tube, as well as an elastic gas bellows for dispensing liquid portions by alternating deformation of the diaphragm disks of the double diaphragm, which acts as a one-way valve. Such deformation is the result of pressure conditions which change when the gas bellows is compressed and then again released. The dispenser drain attachment is assembled from only two one-piece structural parts, each of which is produced by a two-component injection molding procedure.

IPC 8 full level
B67D 3/04 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP US)
B05B 11/1032 (2023.01 - EP US); **B05B 11/1064** (2023.01 - EP US)

Cited by
WO2009104993A1; EP2928784A4; RU189678U1; CN107457107A; EP3375531A1; US8701942B2; US8695856B2; US8708200B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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