

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: US6752295B2] 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; RU189678U1; EP2928784A4; 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

DOCDB simple family (publication)

EP 1215167 A2 20020619; **EP 1215167 A3 20020626**; **EP 1215167 B1 20071212**; AT E380776 T1 20071215; DE 50113369 D1 20080124; DK 1215167 T3 20080505; ES 2298211 T3 20080516; US 2002074359 A1 20020620; US 6752295 B2 20040622

DOCDB simple family (application)

EP 01811147 A 20011127; AT 01811147 T 20011127; DE 50113369 T 20011127; DK 01811147 T 20011127; ES 01811147 T 20011127; US 2028201 A 20011214