

Title (en)
DEVICE FOR MIXING BEVERAGES

Publication
EP 0172385 A3 19870401 (DE)

Application
EP 85108643 A 19850711

Priority
• DE 3430901 A 19840822
• DE 3430953 A 19840822

Abstract (en)
[origin: ES8700634A1] A piston system is used as a pressure-independent flow-volume-regulating valve in which the piston divides the piston chamber into two sections which communicate with one another via a flow-throttling zone and, dependent upon pressures applied which are opposed on the piston by restoring forces, affects control orifices. The restoring force for the piston is guided over a compensating member for temperature-dependent expansions.

IPC 1-7
B01F 15/04

IPC 8 full level
G07F 13/00 (2006.01); **B01F 15/02** (2006.01); **B01F 15/04** (2006.01); **B67D 1/12** (2006.01); **B67D 7/74** (2010.01)

CPC (source: EP KR US)
B01F 35/71 (2022.01 - EP US); **B01F 35/712** (2022.01 - EP KR US); **B01F 35/71805** (2022.01 - EP KR US); **B67D 1/12** (2013.01 - KR); **B67D 1/1281** (2013.01 - EP KR US); **B67D 7/74** (2013.01 - KR); **G07F 13/00** (2013.01 - KR); **Y10S 261/07** (2013.01 - EP US)

Citation (search report)
• [X] US 3653548 A 19720404 - KOTSCHA HANS, et al
• [X] EP 0080571 A1 19830608 - BOSCH SIEMENS HAUSGERAETE [DE]
• [A] DE 2346350 A1 19750327 - HOLSTEIN & KAPPERT MASCHF
• [A] CH 625402 A5 19810930 - DAGMA GMBH & CO [DE]

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0172385 A2 19860226; EP 0172385 A3 19870401; EP 0172385 B1 19900103; AU 4650685 A 19860227; AU 583528 B2 19890504; CA 1295297 C 19920204; DE 3575084 D1 19900208; ES 546306 A0 19861016; ES 8700634 A1 19861016; KR 860002067 A 19860326; KR 900000265 B1 19900124; US 4665809 A 19870519

DOCDB simple family (application)
EP 85108643 A 19850711; AU 4650685 A 19850821; CA 489127 A 19850821; DE 3575084 T 19850711; ES 546306 A 19850821; KR 850005669 A 19850806; US 76821685 A 19850822