

Title (en)

Method and apparatus for dispensing flowable materials.

Title (de)

Verfahren und Apparat zum Spenden von fließfähigen Stoffen.

Title (fr)

Méthode et appareil pour distribuer des matériaux susceptibles de couler.

Publication

EP 0295132 A2 19881214 (EN)

Application

EP 88305339 A 19880610

Priority

GB 8713749 A 19870612

Abstract (en)

A dispensing device (10) for a beverage component dispensing machine comprises a solenoid operated valve (20) in which the valve-open position of the valve is defined by an equilibrium condition of the solenoid (22) with its armature, acting against a return spring (44), whereby solenoid generated noise in the valve-open condition is reduced. The solenoid armature (34) is position-adjustable with respect to the valve member to vary the valve opening. The armature and the valve member are supported in the valve open condition in the manner of a pendulum through the return spring which is adjustably connected to the valve, whereby the valve-open equilibrium position of the armature is laterally as well as vertically balanced.

IPC 1-7

B67C 11/04; **B67D 3/00**

IPC 8 full level

B67C 11/04 (2006.01); **B67D 3/00** (2006.01)

CPC (source: EP)

B67C 11/063 (2013.01); **B67C 11/066** (2013.01); **B67D 3/0077** (2013.01); **B67D 2210/00144** (2013.01)

Cited by

EP0466018A1

Designated contracting state (EPC)

BE DE ES FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0295132 A2 19881214; **EP 0295132 A3 19890628**; GB 8713749 D0 19870715

DOCDB simple family (application)

EP 88305339 A 19880610; GB 8713749 A 19870612