

Title (en)  
Automatic dosing valve

Title (de)  
Automatisches Dosierventil

Title (fr)  
Soupape de dosage automatique

Publication  
**EP 2749524 A2 20140702 (EN)**

Application  
**EP 13398015 A 20131031**

Priority  
PT 10663212 A 20121108

Abstract (en)  
An automatic dosing valve for mixed drinks machines comprising, a coupling structure (2), a liquid flow structure (8), a dispenser piston (6) and an eccentric shaft (7). The dosing valve fits in the bottle through the coupling structure (2), which will fit in a mixed drinks machine through a support structure with linear guides making, at the same time, connection with an electric motor through the eccentric shaft (7). The linear movement of the dispenser piston (6) is ensured by the eccentric shaft (7) which goes through it, which is driven by the electric motor embedded in the machine. The rotational action in the electric motor, above the eccentric shaft (7) will broadcast a linear movement vertically in the dispenser piston (6) allowing to block or release the liquid passage from the inside the bottle to the dosing chambers (11).

IPC 8 full level  
**B67D 1/00** (2006.01); **B67D 3/00** (2006.01)

CPC (source: EP)  
**B67D 3/0003** (2013.01); **B67D 3/0041** (2013.01); **B67D 3/0058** (2013.01); **B67D 2210/00028** (2013.01)

Citation (applicant)  
GB 2077230 A 19811216 - BAYLY PETER ASS

Cited by  
GB2609047A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2749524 A2 20140702; EP 2749524 A3 20141224; PT 106632 A 20140508**

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