

Title (en)

Mixing valve for a beverage dispensing system

Title (de)

Mischhahn für eine Getränkezapfanlage

Title (fr)

Robinet mélangeur pour une installation de distribution de boissons

Publication

EP 2703336 B1 20150729 (DE)

Application

EP 13003856 A 20130802

Priority

DE 102012017236 A 20120831

Abstract (en)

[origin: EP2703336A1] The valve (1) has a spout main portion (2) that is provided with an outlet opening (3) and an inlet unit. A flexible membrane unit (14) is provided with a supply unit (4) non-positively abutting a diaphragm portion (15). A channel outlet (9) and an inlet channel (8) are provided with a defined minimum pressure. A flow channel is formed between the supply unit and the membrane unit. An inlet for specific mixture component is provided, so that the specific mixture component is mixed with the preset mixture component after the preset mixture component is exited the inlet unit.

IPC 8 full level

B67D 1/00 (2006.01)

CPC (source: EP)

B67D 1/0021 (2013.01); **B67D 1/0044** (2013.01)

Cited by

CN110072800A; EP3556725A4; US11214477B2; EP3178782A1; WO2017097820A1

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

DOCDB simple family (publication)

EP 2703336 A1 20140305; EP 2703336 B1 20150729; DE 102012017236 A1 20140306

DOCDB simple family (application)

EP 13003856 A 20130802; DE 102012017236 A 20120831