

Title (en)
BEVERAGE DISPENSING TAP FOR FOAM CONTROL

Title (de)
GETRÄNKEZAPFHahn FÜR SCHAUMKONTROLLE

Title (fr)
ROBINET POUR CONTRÔLER LA MOUSSE DES BOISSONS

Publication
EP 3170788 A1 20170524 (EN)

Application
EP 15195343 A 20151119

Priority
EP 15195343 A 20151119

Abstract (en)
Beverage dispensing unit 1 comprising a dispensing line 2 having a first end 3 for connection with a beverage container and a second end 4 for connection with a dispensing valve 5. The dispensing valve has an outer face 6 and an outer diameter OD and comprises a valve housing 7 having an inner face 8 and a longitudinal extension L, the valve housing providing a valve chamber 11 and having a radial inlet 12 in relation to the longitudinal extension and an outlet 13 arranged in the longitudinal extension, a valve piston 14 movable in the longitudinal extension in the valve chamber and being configured to open and close the outlet by moving the valve piston between a first open position and a second closed position of the dispensing valve, the valve piston having a first end 15 and a second end 16 and a body 17 extending therebetween, the first end 15 of the valve piston being connectable with an actuating element for moving the valve piston between the first and the second position, wherein the first chamber diameter CD1 is larger than the piston diameter in order to provide a flow passage 19 between the outer piston face 18 and the inner face of the valve housing in the first position of the valve piston.

IPC 8 full level
B67D 1/14 (2006.01)

CPC (source: EP RU)
B67D 1/0412 (2013.01 - RU); **B67D 1/1466** (2013.01 - EP); **B67D 1/0868** (2013.01 - EP); **B67D 1/1256** (2013.01 - EP)

Citation (search report)

- [XY] AU 503415 B2 19790906 - CARLTON & UNITED BREWERIES
- [Y] WO 03101882 A1 20031211 - HEINEKEN TECH SERVICES [NL], et al
- [X] GB 2231644 A 19901121 - ALUMASC LTD [GB]
- [X] GB 2457434 A 20090819 - IMI CORNELIUS [GB]
- [Y] EP 1528036 A2 20050504 - IMI CORNELIUS UK LTD [GB]

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 3170788 A1 20170524; CN 108430909 A 20180821; CN 108430909 B 20210406; EP 3377440 A1 20180926; JP 2018534215 A 20181122; JP 6880021 B2 20210602; RU 2018121552 A 20191219; RU 2018121552 A3 20191219; RU 2744368 C2 20210305; WO 2017085261 A1 20170526

DOCDB simple family (application)
EP 15195343 A 20151119; CN 201680067758 A 20161118; EP 16801417 A 20161118; EP 2016078148 W 20161118; JP 2018526060 A 20161118; RU 2018121552 A 20161118