

Title (en)

Tap

Title (de)

Zapfhahn

Title (fr)

Robinet

Publication

**EP 1238941 A1 20020911 (EN)**

Application

**EP 02425106 A 20020227**

Priority

IT RN20010019 A 20010305

Abstract (en)

An enhanced compensating device for regulating the flow of drinks in dispensing taps, provided with a substantially conical shaped front head (11) oriented towards the flow of the drink, and with a rear cylindrical body (12), oriented towards the shutter (21) for the opening or closing of the tap (2), the compensating device (1) being positioned along a cone frustum shaped segment (22) of the conduit for the outflow of the drink and being axially adjustable, in such a way as to regulate the flow of the drink by varying its outflow port (4), comprising at least two small ducts (13, 14) mutually converging starting from corresponding inlets (131, 141), obtained along the outer surface (15) of the compensating device (1) and joining each other at an outlet (16), located in correspondence with the free end of the cylindrical body (12) and hence with greater section than that of the small ducts (13, 14), to create at least two converging current flows of drink, for a partial mixing of the two said currents, reducing the possibility of vortices and turbulence of the out-flowing drink. <IMAGE>

IPC 1-7

**B67D 1/14**

IPC 8 full level

**B67D 3/00** (2006.01); **B67D 1/14** (2006.01)

CPC (source: EP KR)

**B67D 1/1466** (2013.01 - EP); **B67D 3/00** (2013.01 - KR); **B67D 2001/1494** (2013.01 - EP)

Citation (search report)

- [A] GB 2154305 A 19850904 - SOUTHERN IND
- [A] GB 2154304 A 19850904 - SOUTHERN IND
- [A] US 2899170 A 19590811
- [A] DE 1909562 A1 19700917 - OSTERTAG DIPL ING DIETER

Cited by

EP2896593A3; ITTO20120244A1; ITTO20120247A1; ITTO20120245A1; EP2621851A4; EP1832547A1; EP2641865A3; CN105135024A; ITTO20120246A1; BE1015850A3; GB2436558A; EA009232B1; EP2933222A3; DE102016113535A1; US7815078B2; US7513398B2; WO2006010941A3; WO2006003420A1

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