

Title (en)

DOMESTIC WATER TAP OR FAUCET WITH FLOATING BUOYANT BALL VALVE AND ACTIVATION ROD

Title (de)

BRAUCHWASSERVENTIL ODER HAHN MIT SCHWIMMENDEM, SCHWIMMFÄHIGEN KUGELVENTIL UND AKTIVIERUNGSSTANGE

Title (fr)

ROBINET D'EAU DOMESTIQUE

Publication

EP 2422116 A4 20150408 (EN)

Application

EP 09843488 A 20090828

Priority

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- AU 2009201565 A 20090421

Abstract (en)

[origin: WO2010121286A1] A water tap is shown, employing a spherical sealing member which is urged into a sealing position by water pressure. The sealing member may be displaced centrally into the water flow in order to permit flow of water around the sealing member and through the tap.

IPC 8 full level

F16K 1/14 (2006.01); **F16K 5/06** (2006.01); **F16K 15/18** (2006.01)

CPC (source: EP US)

F16K 1/14 (2013.01 - EP US); **F16K 15/1823** (2021.08 - EP); **F16K 31/50** (2013.01 - EP US); **Y10T 137/7361** (2015.04 - EP US); **Y10T 137/9464** (2015.04 - EP US)

Citation (search report)

- [X] GB 191402678 A 19150121 - STARR JOHN GARDINER [AU]
- [X] GB 191001244 A 19100707 - MONSMA FEDDERIUS JOHANNES [NL]
- [X] US 2898128 A 19590804 - ELLIOT SHOHAN
- [X] FR 1371834 A 19640911 - VALLOUREC
- [A] DE 19543504 A1 19970528 - GROHE ARMATUREN FRIEDRICH [DE]
- [A] FR 790523 A 19351122
- See references of WO 2010121286A1

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