

Title (en)
Water tap.

Title (de)
Wasserzapfarmatur.

Title (fr)
Robinet d'eau.

Publication
EP 0495372 B1 19940608 (DE)

Application
EP 92100164 A 19920108

Priority
DE 4100801 A 19910112

Abstract (en)
[origin: EP0495372A1] In a water tap having a housing (1) which can be connected to the supply network and a water outlet which is constructed as a pull-out hand spray (4), an aeration device (5) having at least one closure member being provided in the tap housing (1) to prevent water for domestic use being sucked back via the hand spray (4), it is proposed, for improvement, that the outlet channel (12) be guided via a first closure member (51) of the aeration device (5), the closure member (51) being arranged so as to be axially movable between two valve seats (53, 53a) each enclosing passage openings (54, 54a), and the outflowing water flowing against the closure member axially, whereas the flowing-away of the water takes place radially between the two valve seats (53, 53a) out of the aeration device (5), and the connection to the atmosphere can be established via the lower passage opening (54b). <IMAGE>

IPC 1-7
E03C 1/04; **E03C 1/10**

IPC 8 full level
E03C 1/04 (2006.01); **E03C 1/10** (2006.01)

CPC (source: EP US)
E03C 1/04 (2013.01 - EP US); **E03C 1/108** (2013.01 - EP US); **Y10T 137/3331** (2015.04 - EP US); **Y10T 137/7897** (2015.04 - EP US)

Cited by
DE4225166A1; DE19513569C1; US5937892A; US5325885A; EP0818585A3; WO9633316A1; WO9424379A1

Designated contracting state (EPC)
CH DE DK FR GB IT LI

DOCDB simple family (publication)
EP 0495372 A1 19920722; **EP 0495372 B1 19940608**; DE 4100801 A1 19920730; DE 4100801 C2 20011108; DE 59200207 D1 19940714; DK 0495372 T3 19941024; US 5213268 A 19930525

DOCDB simple family (application)
EP 92100164 A 19920108; DE 4100801 A 19910112; DE 59200207 T 19920108; DK 92100164 T 19920108; US 81336791 A 19911224