

Title (en)

JET REGULATOR AND JET ADJUSTMENT PROCESS

Title (de)

STRAHLREGLER UND VERFAHREN ZUR STRAHLUMSTELLUNG

Title (fr)

REGULATEUR DE JET ET PROCÈDE DE MODIFICATION DU JET

Publication

EP 2529056 B1 20220413 (DE)

Application

EP 11701622 A 20110127

Priority

- DE 102010006376 A 20100129
- EP 2011000351 W 20110127

Abstract (en)

[origin: WO2011092008A1] In a jet regulator for the outlet of a sanitary fitting or for a shower, which has at least two flow chambers or flow ducts (12, 13), each of which has an inlet opening and one or more water outlet openings (121, 131), the control of the flow to each flow chamber or flow duct (12, 13) is carried out by means of a valve having a resilient valve body (15) which is arranged upstream of the flow chambers or flow ducts (12, 13) and optionally closes or opens the inlet openings thereof using the resilient valve body (15), wherein a deformation of the resilient valve body (15) and thus a change in the valve position is carried out by a change in the applied water pressure or by mechanical actuation by means of an actuating element (17).

IPC 8 full level

E03C 1/084 (2006.01); **B05B 1/16** (2006.01); **B05B 1/18** (2006.01); **B05B 1/30** (2006.01)

CPC (source: EP US)

B05B 1/16 (2013.01 - EP US); **B05B 1/3006** (2013.01 - EP US); **E03C 1/084** (2013.01 - EP US); **B05B 1/18** (2013.01 - EP US); **B05B 1/3402** (2018.07 - EP US)

Citation (examination)

- DE 19851151 A1 20000511 - GROHE KG HANS [DE]
- US 3697002 A 19721010 - PARKISON RICHARD G
- WO 2008067903 A1 20080612 - NEOPERL GMBH [DE], et al
- DE 4330651 A1 19950316 - VORTEX GMBH DT [DE]
- US 5348231 A 19940920 - ARNOLD DON C [US], et al
- US 4000857 A 19770104 - MOEN ALFRED M
- DE 4436193 A1 19960418 - GROHE ARMATUREN FRIEDRICH [DE]

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)

DE 102010006376 A1 20110804; EP 2529056 A1 20121205; EP 2529056 B1 20220413; US 2012325928 A1 20121227; US 9068329 B2 20150630; WO 2011092008 A1 20110804

DOCDB simple family (application)

DE 102010006376 A 20100129; EP 11701622 A 20110127; EP 2011000351 W 20110127; US 201213561481 A 20120730