

Title (en)

SANITARY WATER-OUTLET FITTING WITH JET REGULATOR FOR DEFLECTING THE EXITING WATER JET

Title (de)

SANITÄRE WASSERAUSLAUFARMATUR MIT STRAHLRICHTUNGSGEBER ZUM ABLENKEN DES AUSTRETENDEN WASSERSTRAHLS

Title (fr)

ROBINETTERIE DE DISTRIBUTION D'EAU SANITAIRE COMPRENANT UN DISPOSITIF DE DIRECTION DU JET PERMETTANT DE DEVIER L'ÉCOULEMENT DE L'EAU SORTANT

Publication

**EP 1853770 B1 20110810 (DE)**

Application

**EP 06706780 A 20060209**

Priority

- EP 2006001144 W 20060209
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Abstract (en)

[origin: WO2006094593A1] The invention relates to a sanitary water-outlet fitting (1) which has a water outlet (2), there being provided on the outflow side, in the region of the water outlet (2), a flow guide (3) which has at least one perforated plate (4) or latticework or lamellar structure and a number of outlet holes or outlet openings (6) surrounded by flow-guide walls (7). The water-outlet fitting according to the invention is characterized in that the flow guide (3) is configured as a jet regulator, in that, for this purpose, the flow-guide walls (7) of at least individual outlet holes or outlet openings (6) are arranged at an angle to the flow direction of the water flowing into the flow guide (3) on the inflow side, and in that the flow-guide walls (7) of these outlet holes or outlet openings (6) deflect the inflowing water stream in the direction of its longitudinal extent. It has been found, surprisingly, that such a flow guide (3) is capable of deflecting the water in the direction of the axial position of the flow-guide walls (7), even in the case of the flow guide (3) having a comparatively short longitudinal extent in the axial direction. It is thus possible to dispense with ball-and-socket joints which take up a lot of space and may be unsightly.

IPC 8 full level

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CPC (source: EP US)

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**WO 2006094593 A1 20060914**; DE 102005010549 A1 20061102; DE 102005010549 B4 20110127; EP 1853770 A1 20071114; EP 1853770 B1 20110810; EP 2093333 A2 20090826; EP 2093333 A3 20130220; US 2009308952 A1 20091217

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