

Title (en)

Jet regulator to be connected to sanitary fixtures

Title (de)

Strahlregler zum Anschluss an Sanitärarmaturen

Title (fr)

Régulateur de jet à raccorder à une installation sanitaire

Publication

EP 0646680 B1 19990210 (DE)

Application

EP 94114419 A 19940914

Priority

DE 9314990 U 19931002

Abstract (en)

[origin: EP0646680A1] The invention relates to a jet regulator (1) to be connected to sanitary fixtures or the like, having a jet-separating device which has a perforated plate which exhibits a number of throughflow holes in order to produce individual jets. The jet regulator (1) according to the invention is characterised in that at least one deflection slope (6, 7) is assigned to at least some of the throughflow holes, at a distance from their outflow side, which deflection slope is arranged, at least in its sub-region against which at least one of the individual jets flows, obliquely with respect to the flow direction (Pf1), and in that flow impediments formed by spaced-apart pins (11) and/or ribs (12) are arranged downstream of said deflection slope or deflection slopes (6, 7), as seen in the direction of deflection. The jet regulator according to the invention, which can do without the otherwise conventional jet-regulating screens, is distinguished by a low amount of noise formation and the production of a uniform full jet, the overall height of the jet regulator not exceeding the conventional overall height of jet regulators of this type. <IMAGE>

IPC 1-7

E03C 1/084; B05B 1/18

IPC 8 full level

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

CPC (source: EP US)

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Cited by

US6126093A; AU712806B2; US6152182A; US10654053B2; WO9816695A1

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US 5495985 A 19960305; AT E176697 T1 19990215; DE 59407798 D1 19990325; DE 9314990 U1 19931125; EP 0646680 A1 19950405; EP 0646680 B1 19990210; ES 2129558 T3 19990616; JP 3579463 B2 20041020; JP H07166588 A 19950627

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