

Title (en)
Smoothing device

Title (de)
Schwalleinrichtung

Title (fr)
Appareil d'égalisation

Publication
EP 1277890 B1 20070905 (DE)

Application
EP 02013057 A 20020613

Priority
DE 10135554 A 20010720

Abstract (en)
[origin: EP1277890A2] The flood unit, for use in a bathroom head shower or outflow fitting, has a housing (2) with a water inlet (4) and a longitudinal outflow slit so that the water flows out in a coherent curtain. Flow calming units are within the housing, to form an ante-chamber (5) to take the water inflow. The water flows from the chamber into a build-up zone (12), parallel to the outflow slit and over its whole length. The build-up zone is linked to the outflow slit through a narrow gap into the outflow zone (13) with the outflow slit. The water flow through the assembly is divided and calmed, to give an outflow curtain without pressure and movement only through the force of gravity, and retain its curtain shape over a long movement path from the outflow slit.
[origin: EP1277890A2] The flood unit, for use in a bathroom head shower or outflow fitting, has a housing (2) with a water inlet (4) and a longitudinal outflow slit so that the water flows out in a coherent curtain. Flow calming units are within the housing, to form an ante-chamber (5) to take the water inflow. The water flows from the chamber into a build-up zone (12), parallel to the outflow slit and over its whole length. The build-up zone is linked to the outflow slit through a narrow gap into the outflow zone (13) with the outflow slit. The water flow through the assembly is divided and calmed, to give an outflow curtain without pressure and movement only through the force of gravity, and retain its curtain shape over a long movement path from the outflow slit.

IPC 8 full level
E03C 1/08 (2006.01); **B05B 1/04** (2006.01)

CPC (source: EP)
B05B 1/044 (2013.01)

Designated contracting state (EPC)
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