

Title (en)
DEVICE FOR SPRAYING A LIQUID UNDER PRESSURE

Title (de)
VORRICHTUNG ZUM VERSPRÜHEN EINER UNTER DRUCK STEHENDEN FLÜSSIGKEIT

Title (fr)
DISPOSITIF POUR PULVÉRISER UN LIQUIDE SOUS PRESSION

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Application
EP 11764459 A 20110923

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Abstract (en)
[origin: WO2012055051A1] The invention relates to a device for spraying a liquid under pressure, in particular water, wherein said device produces good cleaning action despite a low volumetric flow rate. The device has a plurality of swirl chambers (14), wherein each of the swirl chambers has at least one inlet for feeding the liquid into the respective swirl chamber and an outlet nozzle (18) for a liquid jet to exit the swirl chamber. An arrangement of inlet channels distributes a liquid flow entering the device among the inlets of the swirl chambers. The outlets are angled relative to each other in such a way that the exiting liquid jets hit each other at a predetermined distance from the outlet nozzles. Improved cleaning action is thus achieved. The device can be designed, for example, as an end piece for a sanitary outlet fitting or as a showerhead.

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