

Title (en)

Flow guide with integrated valve

Title (de)

Flussführung mit integriertem Ventil

Title (fr)

Guide d'écoulement avec vanne intégrée

Publication

**EP 2127755 A1 20091202 (EN)**

Application

**EP 08425330 A 20080512**

Priority

EP 08425330 A 20080512

Abstract (en)

The present invention relates to a flow guide with integrated valve intended for descaling nozzles. The fundamental object of the flow guide is to uniform the stream line speeds before entering the nozzle, ensuring in this manner a better operation and consequently a better impact pressure. The fluid-dynamics of the flow guide according to the present invention has been optimized and the flow guide is characterized in that it includes a shutter (3a) and a flow straightener (3b) formed by a single element (3).

IPC 8 full level

**B05B 1/04** (2006.01); **B21B 45/02** (2006.01); **B21B 45/08** (2006.01)

CPC (source: EP US)

**B05B 1/3006** (2013.01 - EP); **B05B 1/3402** (2018.07 - EP US); **B21B 45/08** (2013.01 - EP)

Citation (search report)

- [X] JP H0679339 A 19940322 - NIPPON STEEL CORP, et al
- [A] JP S6261715 A 19870318 - SUPUREEING SYST JAPAN KK

Cited by

US9377115B2; CN104785554A; US2012298780A1; EP2527699A3; EP3031531A1

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AT DE IT SE

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DOCDB simple family (publication)

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