

Title (en)

Spray nozzle, particularly for spraying water in fire protection installations

Title (de)

Sprühdüse, insbesondere zum Versprühen von Wasser in Brandschutzanlagen

Title (fr)

Buse de pulvérisation, en particulier pour la pulvérisation d'eau dans les installations de protection contre l'incendie

Publication

EP 0801990 B1 20020703 (DE)

Application

EP 96106071 A 19960418

Priority

- EP 96106071 A 19960418
- DE 4440681 A 19941115
- US 63559996 A 19960422

Abstract (en)

[origin: EP0801990A1] The spray jet has a casing containing a swirl chamber with at least one tangential first channel for input of water, first output co-axial with the swirling axis (12), and second output aperture co-axial with the first one. The second output aperture (21) is at the end of a second channel (14) co-axial with the swirling axis. The second channel has an extension before the second output aperture in direction of flow. This extension is formed in combination with a narrowing of the cross-section (18) of the second channel. The extension may be formed by a conical wall zone of the second channel.

IPC 1-7

B05B 1/34; A62C 31/02

IPC 8 full level

A62C 31/02 (2006.01); **B05B 1/34** (2006.01)

CPC (source: EP US)

A62C 31/02 (2013.01 - EP US); **B05B 1/3447** (2013.01 - EP US); **B05B 1/3478** (2013.01 - EP US)

Cited by

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