

Title (en)
NOZZLE COMPRISING A SWIRL CHAMBER

Title (de)
DÜSE MIT EINER WIRBELKAMMER

Title (fr)
BUSE A CHAMBRE TOURBILLONNAIRE

Publication
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Application
EP 06764583 A 20060502

Priority
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Abstract (en)
[origin: WO2006123032A1] The invention relates to a fluid spray nozzle comprising a swirl chamber (1) which is rotationally symmetric about a Z axis of origin O and into which at least two fluid inlet channels (2, 3) open. The aforementioned chamber (1) is equipped with a discharge conduit (4) having an axis (?) which is inclined in relation to the axis of symmetry (Z) at an angle (a). According to the invention, the conduit (4) is formed such that the position of the point of origin (O') of the axis (?) thereof is offset in relation to the origin (O) of the axis of symmetry (Z) by a distance (d) which depends on the value of the angle (a) of inclination of the conduit: along a direction which depends on the position and the cross-section of the channels, and in a sense which is counter to the orientation of the conduit (4).

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