

Title (en)

MIXING NOZZLE WITH A DISPLACEABLE FLOW RESTRICTOR AND SPRAYING UNIT

Title (de)

MISCHDÜSE MIT VERSCHIEBBARER DROSSEL UND SPRÜHEINHEIT

Title (fr)

BOSE DE MELANGE AVEC ELEMENT D'ETRANGLEMENT COULISSANT ET UNITE DE PULVERISATION

Publication

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Application

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Abstract (en)

[origin: WO0185354A1] The invention relates to a mixing nozzle for fluidic media, especially water-air mixtures, comprising a fluid nozzle (2) that opens into the interior of an external nozzle body (29). Said nozzle body comprises, at a distance from the fluid nozzle (2), a zone, which tapers in a longitudinal axial manner and inside of which a flow restrictor (1) is arranged for creating turbulence in the fluidic mixture. The invention also relates to a spraying unit that is supplied with a fluidic medium via a common supply line by means of a single pump. According to the invention, the outlet of the fluid nozzle (2) is configured as a valve seat for the flow restrictor (1) that can be displaced in a longitudinal axial manner by means of a spindle (6, 5).

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