

Title (en)
Spray nozzle for liquid

Title (de)
Düse für Flüssigkeitszerstäubung

Title (fr)
Buse de pulvérisation d'une substance liquide

Publication
EP 0674946 B1 19980708 (FR)

Application
EP 95490012 A 19950315

Priority
FR 9404054 A 19940328

Abstract (en)
[origin: EP0674946A1] The nozzle consists of a body (9) with an axial through channel (10) and an outlet at one end, connected hydraulically at the other end to a feed circuit. The through channel is of constant cross-section for part of its length and then tapers towards the tip, forming an ogival chamber (17), and the outlet is in the form of a V-slit with its edges (18) inclined slightly relative to one another and located symmetrically in relation to the nozzle's axis. The two sides of the V-slit form an angle of about 45 degrees to one another, and the two edges (18) are inclined relative to a radial plane at an angle of some 15 degrees and converge towards the nozzle's distal end. <IMAGE>

IPC 1-7
B05B 1/04

IPC 8 full level
B05B 1/04 (2006.01)

CPC (source: EP)
B05B 1/042 (2013.01)

Cited by
EP3218116A4; US8771407B2; WO2012024228A3; US10493470B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0674946 A1 19951004; EP 0674946 B1 19980708; AT E168044 T1 19980715; DE 69503280 D1 19980813; FR 2717712 A1 19950929; FR 2717712 B1 19960515

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