

Title (en)
Spraying nozzle for a mixture of fluids.

Title (de)
Spritzlanze eines Flüssigkeitsgemisches.

Title (fr)
Lance de projection d'un mélange de fluides.

Publication
EP 0429736 B1 19940427

Application
EP 89460042 A 19891128

Priority
FR 8812310 A 19880916

Abstract (en)
[origin: EP0429736A1] The nozzle comprises an inlet tubular element (4) for the main liquid, followed by a first chamber (A) having internal (2) and external (5) walls which are conical and diverging. The external wall (5) continues the inlet tubular element (4). The internal wall (2) has its apex facing the axis of the inlet tubular element (4). The external wall (5) is pierced by holes (6) through which at least one additional fluid is sprayed into the said first chamber (A), which chamber communicates, via other practically longitudinal holes (10) pierced in the periphery of the base (9) of the said internal wall (2), with a second chamber (B) bounded by a converging conical lateral wall (13) which emerges into a relatively long outlet tubular element (14). The peripheral space between the internal (2) and external (5) conical walls of the first chamber (A) is closed by a cylindrical ferrule (15). <IMAGE>

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A62C 31/12; **B05B 7/04**

IPC 8 full level
A62C 31/12 (2006.01); **B05B 7/04** (2006.01)

CPC (source: EP)
A62C 31/12 (2013.01); **B05B 7/04** (2013.01)

Cited by
EP0747139A1; US6102308A; EP0911082A4; US5779158A; AU732533B2; CN114262043A; WO9738757A1

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