

Title (en)
SPRAY NOZZLE IN THE SHAPE OF A HOLLOW CONE

Publication
EP 0121877 B1 19881102 (DE)

Application
EP 84103521 A 19840330

Priority
DE 3312301 A 19830406

Abstract (en)
[origin: EP0121877A2] 1. A hollow-cone atomizer nozzle, comprising a nozzle housing (1) in which is formed a rotationally symmetrical mixing chamber (8), a first and a second inlet bore for the liquid to be atomized and a nozzle orifice (9) at the outlet of the mixing chamber, the inlet bores being assigned valves which can be operated for the setting of the liquid part-streams, the first inlet bore (6) being arranged coaxial with the nozzle axis and the second inlet bore (3) opening eccentrically into the mixing chamber, wherein the first inlet bore opens into the mixing chamber at an angle to the nozzle axis via one or more feed bores (7).

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IPC 8 full level
B05B 7/04 (2006.01); **B05B 1/06** (2006.01); **B05B 1/34** (2006.01); **B05B 7/10** (2006.01)

CPC (source: EP)
B05B 1/3426 (2013.01); **B05B 1/3478** (2013.01); **B05B 7/10** (2013.01)

Cited by
US4977190A; EP2629016A3; DE19608349A1; EP0794383A3; US11326775B2; WO2006059065A1; EP4197643A1; DE102021133674A1; US9745936B2; US10480472B2; EP2962041B1

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