

Title (en)

Spraying nozzle.

Title (de)

Zerstäubungsdüse.

Title (fr)

Buse de pulvérisation.

Publication

EP 0225193 A2 19870610 (EN)

Application

EP 86309365 A 19861201

Priority

GB 8529403 A 19851129

Abstract (en)

A nozzle for spraying herbicides, pesticides and the like comprises a chamber (19) with an air inlet (16), a liquid inlet (12) and an outlet (20). The liquid inlet (12) produces a jet of liquid which impinges on a baffle (21) to produce primary atomisation of the liquid. Air from the air inlet (16) entrains the droplets of liquid and directs the stream through the outlet (20) and onto a deflecting surface (22) which produces secondary atomisation and deflects the stream out of the nozzle. Droplet size and pattern are improved and can be optimised for any application.

IPC 1-7

B05B 1/04; B05B 7/04

IPC 8 full level

B05B 7/04 (2006.01)

CPC (source: EP)

B05B 7/0475 (2013.01)

Cited by

US6149509A; US4972995A; FR2765124A1; CN105149131A; EP0705644A1; DE10351834A1; DE10351834B4; EP0329449A1; US6457974B1; US6485303B1; WO9917886A1; US6338444B1

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