

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

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0225193 A2 19870610; EP 0225193 A3 19871119; EP 0225193 B1 19900822; DE 3673610 D1 19900927; GB 8529403 D0 19860108

DOCDB simple family (application)
EP 86309365 A 19861201; DE 3673610 T 19861201; GB 8529403 A 19851129