

Title (en)
IMPROVED SPRAYER NOZZLE

Title (de)
SPRÜHDÜSE

Title (fr)
BUSE DE PULVERISATION AMELIOREE

Publication
EP 0961659 A1 19991208 (FR)

Application
EP 98962503 A 19981218

Priority
• FR 9802775 W 19981218
• FR 9716553 A 19971219

Abstract (en)
[origin: FR2772646A1] The sprayer is regulated by controlling, as a function of processing parameters, flow of the spray liquid delivered by a set of jets (1). The size of the jet orifice is adjusted to increase or decrease flow through the jet. The operating parameters are processed by a microcontroller which electrically controls a piezo-electric actuator (5) adjusting the moving elements (3,4) in each jet.

IPC 1-7
B05B 1/32; **B05B 12/08**; **B05D 1/02**

IPC 8 full level
B05B 1/04 (2006.01); **B05B 1/32** (2006.01); **B05B 12/08** (2006.01)

CPC (source: EP)
B05B 1/044 (2013.01); **B05B 1/32** (2013.01); **B05B 12/08** (2013.01)

Citation (search report)
See references of WO 9932230A1

Designated contracting state (EPC)
AT BE CH DE DK FR GB IT LI LU NL

DOCDB simple family (publication)
FR 2772646 A1 19990625; **FR 2772646 B1 20000225**; AT E225207 T1 20021015; AU 1765899 A 19990712; CA 2279831 A1 19990701; DE 69808434 D1 20021107; DE 69808434 T2 20030605; DK 0961659 T3 20030127; EP 0961659 A1 19991208; EP 0961659 B1 20021002; NZ 337163 A 20001027; WO 9932230 A1 19990701

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FR 9716553 A 19971219; AT 98962503 T 19981218; AU 1765899 A 19981218; CA 2279831 A 19981218; DE 69808434 T 19981218; DK 98962503 T 19981218; EP 98962503 A 19981218; FR 9802775 W 19981218; NZ 33716398 A 19981218