

Title (en)
IMPROVED SPRAYER NOZZLE

Title (de)
SPRÜHDÜSE

Title (fr)
BUSE DE PULVERISATION AMELIOREE

Publication
EP 0961659 B1 20021002 (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)

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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