

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

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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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