

Title (en)
Automatic spray gun

Title (de)
Automatische Spritzpistole

Title (fr)
Pistolet de pulvérisation automatique

Publication
EP 1243341 A1 20020925 (EN)

Application
EP 01830715 A 20011119

Priority
IT TO20010278 A 20010323

Abstract (en)
Automatic spraying gun, comprising a body (1), with a spraying nozzle (2) and passages (8, 12, 15, 17) for connecting to tubes (9, 13, 23, 24) supplying compressed air and a pressurised substance to be sprayed. Electronic pressure transducers (26, 27, 28, 29) are operatively associated to said passages (8, 12, 15, 17) and connected to an electronic control unit (30) arranged to automatically adjust the pressure of the air and/or the pressure of the substance to be sprayed according to the transfer efficiency optimisation parameters. <IMAGE>

IPC 1-7
B05B 7/06; **B05B 12/08**

IPC 8 full level
B05B 7/06 (2006.01); **B05B 12/08** (2006.01)

CPC (source: EP)
B05B 7/062 (2013.01); **B05B 12/085** (2013.01); **B05B 12/1436** (2013.01)

Citation (applicant)
• US 5645884 A 19970708 - HARLOW JR ALBERT L [US], et al
• US 4593360 A 19860603 - COCKS ERIC H [US]

Citation (search report)
• [Y] US 4891249 A 19900102 - MCINTYRE FREDERIC S [US]
• [DYA] US 4593360 A 19860603 - COCKS ERIC H [US]
• [A] US 6149071 A 20001121 - MACCALLUMMHOR DAVID FREDERICK [US], et al
• [DA] US 5645884 A 19970708 - HARLOW JR ALBERT L [US], et al
• [A] EP 0308993 A2 19890329 - IWATA AIR COMPRESSOR MFG [JP]
• [A] US 4714635 A 19871222 - MOCHIZUKI TAKESHI [JP], et al
• [A] US 5782410 A 19980721 - WESTON COLIN K [CA]

Cited by
EP1955776A1; EP1491261A1; US7134610B2; WO03086653A1; WO03086654A1; WO2019018820A1; US7125007B2; US11022987B2; WO2014006593A1; DE212013000147U1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1243341 A1 20020925; **EP 1243341 B1 20060614**; AT E329697 T1 20060715; DE 60120633 D1 20060727; DE 60120633 T2 20070531; ES 2265410 T3 20070216; IT TO20010278 A0 20010323; IT TO20010278 A1 20020923

DOCDB simple family (application)
EP 01830715 A 20011119; AT 01830715 T 20011119; DE 60120633 T 20011119; ES 01830715 T 20011119; IT TO20010278 A 20010323