

Title (en)  
AUTOMATIC SPRAY GUN

Title (de)  
AUTOMATISCHE SPRITZPISTOLE

Title (fr)  
PISTOLET AUTOMATIQUE DE PULVERISATION

Publication  
**EP 2054161 B1 20120201 (FR)**

Application  
**EP 07803821 A 20070629**

Priority  
• FR 2007001112 W 20070629  
• FR 0606007 A 20060703

Abstract (en)  
[origin: WO2008003850A1] An automatic spray gun comprises a nozzle (4) for ejecting the product that is to be sprayed, controlled by a needle valve (9), and means (14, 10) for controlling the movement of the needle (9). A tabular elastic sealing means (13) surrounds the needle valve (9) and is mounted trapped between the front (1a) and rear (1b) parts of the body. The interior surface of the tabular means (13) is tailored to the diameters of the needle valve (9) and of a control slide (14) mounted on the needle valve in order to move the needle thereof.

IPC 8 full level  
**B05B 7/00** (2006.01); **B05B 7/12** (2006.01)

CPC (source: EP US)  
**B05B 1/306** (2013.01 - EP US); **B05B 7/1263** (2013.01 - EP US); **B05B 7/1272** (2013.01 - EP US)

Cited by  
CN111347821A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2903027 A1 20080104; FR 2903027 B1 20081114**; AT E543574 T1 20120215; CN 101489685 A 20090722; CN 101489685 B 20120530; EP 2054161 A1 20090506; EP 2054161 B1 20120201; ES 2380826 T3 20120518; JP 2009541048 A 20091126; JP 5181256 B2 20130410; US 2009283610 A1 20091119; US 8205807 B2 20120626; WO 2008003850 A1 20080110

DOCDB simple family (application)  
**FR 0606007 A 20060703**; AT 07803821 T 20070629; CN 200780025196 A 20070629; EP 07803821 A 20070629; ES 07803821 T 20070629; FR 2007001112 W 20070629; JP 2009517329 A 20070629; US 30723107 A 20070629