

Title (en)
SPRAY GUN

Title (de)
SPRITZPISTOLE

Title (fr)
PISTOLET PULVÉRISATEUR

Publication
EP 3061530 A1 20160831 (EN)

Application
EP 15197146 A 20151130

Priority
IT 20150138 A 20150226

Abstract (en)
Spray gun wherein the needle (12) for controlling the flow through the spray nozzle (13) of the gun is removable, for its periodic replacement, through the head (3) of the body (1) of the gun without requiring disassembly of other parts in addition to the spray nozzle (13).

IPC 8 full level
B05B 1/30 (2006.01); **B05B 7/12** (2006.01)

CPC (source: EP)
B05B 1/3046 (2013.01); **B05B 15/18** (2018.01); **B05B 7/1209** (2013.01); **B05B 7/2489** (2013.01)

Citation (applicant)
• US 3482781 A 19691209 - SHARPE KENNETH B
• WO 2010080365 A1 20100715 - GRACO MINNESOTA INC [US], et al

Citation (search report)
• [A] WO 2010080365 A1 20100715 - GRACO MINNESOTA INC [US], et al
• [A] US 1613588 A 19270104 - GRADOLPH WILLIAM F, et al
• [A] US 2934246 A 19600426 - BRIGGS EARL C
• [A] US 2146416 A 19390207 - SVEND BRAMSEN, et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3061530 A1 20160831; EP 3261778 A1 20180103; EP 3261778 B1 20181121; ES 2702083 T3 20190227; PL 3261778 T3 20190430; WO 2016135612 A1 20160901

DOCDB simple family (application)
EP 15197146 A 20151130; EP 16712505 A 20160222; ES 16712505 T 20160222; IB 2016050938 W 20160222; PL 16712505 T 20160222