

Title (en)
Atomiser for a spray gun

Title (de)
Zerstäuberkopf für eine Spritzpistole

Title (fr)
Tête de distribution pour un pistolet pulvérisateur

Publication
EP 2017010 A3 20090520 (DE)

Application
EP 08011130 A 20080619

Priority
DE 202007008816 U 20070621

Abstract (en)
[origin: EP2017010A2] The head (1) has a fluid nozzle for discharging fluid, and an air cap (3) with an even front surface (9), in which several atomizer air nozzles (5) are arranged, where form air nozzles (8) are arranged radially outside the atomizer air nozzles. The form air nozzles are subjectable with compressed air for atomizing the fluid discharged via the fluid nozzle, where both nozzles are arranged in a same level. The form air nozzles are designed as boreholes in the front surface of the air cap, where the front surface is arranged perpendicular to the symmetrical axis of the fluid nozzle and the cap.

IPC 8 full level
B05B 7/08 (2006.01)

CPC (source: EP)
B05B 7/0815 (2013.01)

Citation (search report)

- [X] US 5080283 A 19920114 - KUKESH TIMOTHY S [US], et al
- [X] US 5452856 A 19950926 - PRITCHARD JAMES [US]
- [X] US 1873625 A 19320823 - MUNZ ERNEST Z
- [X] EP 0456523 A2 19911113 - IWATA AIR COMPRESSOR MFG [JP]

Cited by
CN113477430A; DE102015016474A1; US11801521B2; US9782785B2; US10464076B2; US10702879B2; DE102020115837A1; US9878336B2; USD835235S; US10471449B2; US11141747B2; US10835911B2; US11826771B2; US11865558B2

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 202007008816 U1 20071011; EP 2017010 A2 20090121; EP 2017010 A3 20090520; EP 2017010 B1 20130327; ES 2424822 T3 20131008

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DE 202007008816 U 20070621; EP 08011130 A 20080619; ES 08011130 T 20080619