

Title (en)

Spray pistol with a structured surface for dispensing atomising gas

Title (de)

Spritzpistole bzw. Vorrichtung mit einer strukturierten Oberfläche zur Führung und/oder Verteilung von Gasen

Title (fr)

Pistolet de pulvérisation avec une surface structurée pour la distribution d'un gaz de pulvérisation

Publication

EP 1844860 B1 20131218 (DE)

Application

EP 06007643 A 20060412

Priority

EP 06007643 A 20060412

Abstract (en)

[origin: EP1844860A1] A pneumatically driven spray pistol (1) has a pistol housing (2) for holding the drive and a grip-handle (3) projecting from the housing (2), the latter having an air-feed channel (21) through which flows pressurized air for carrying out atomization to an atomizing nozzle (4). The surfaces (22) of the air-feed channel (21) wetted by the pressurized air and/or the atomizing nozzle (4) and/or an air cap (15) are provided with a partly or completely structured surface in which are recesses (51) and/or elevations (52).

IPC 8 full level

B05B 7/24 (2006.01); **F15D 1/06** (2006.01)

CPC (source: EP US)

B05B 7/2402 (2013.01 - EP US); **F15D 1/065** (2013.01 - EP US); **Y10S 239/14** (2013.01 - EP US)

Citation (examination)

US 2005242207 A1 20051103 - TEJEDA RAMON [US]

Cited by

US11950677B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1844860 A1 20071017; **EP 1844860 B1 20131218**; CA 2583888 A1 20071012; CA 2583888 C 20120403; US 2007241208 A1 20071018; US 7431223 B2 20081007

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