

Title (en)  
PAINT SPRAY GUN

Publication  
**EP 0263897 B1 19900404 (DE)**

Application  
**EP 86114555 A 19861021**

Priority  
DE 8627558 U 19861015

Abstract (en)  
[origin: EP0263897A1] 1. Paint spray gun with oscillating armature drive, comprising a sealed housing, an electro-magnetic oscillating armature motor, a paint pump driven by this, and a nozzle pipe with spray nozzle some distance in front of the housing, characterised in that the nozzle pipe (50;115) is surrounded by a gun barrel (18; 108) coaxial thereto and spaced from it by an annular duct (70), the open front face of the gun barrel (18; 108) standing proud from the spray nozzle (58; 116) at the front, in that the annular duct (70) opens into the interior of the housing (12; 102) and in that air inlet apertures (20, 22, 24, 26; 110) are arranged on the housing (12; 102), with the oscillating armature motor (36; 104) being fitted in the air flow path between the air inlet apertures (20, 22, 24, 26; 110) and the annular duct (70) inside the housing (12; 102).

IPC 1-7  
**B05B 9/01**; **B05B 9/04**; **F04B 17/04**

IPC 8 full level  
**B05B 7/24** (2006.01); **B05B 9/08** (2006.01)

CPC (source: EP)  
**B05B 7/2464** (2013.01); **B05B 9/0861** (2013.01)

Cited by  
CN103223777A; FR2686807A1; GB2398528A; GB2398528B; DE4232439A1; US5370314A; WO2004035224A3; US11950677B2

Designated contracting state (EPC)  
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