

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)
CH FR GB IT LI

DOCDB simple family (publication)
DE 8627558 U1 19870102; EP 0263897 A1 19880420; EP 0263897 B1 19900404

DOCDB simple family (application)
DE 8627558 U 19861015; EP 86114555 A 19861021