

Title (en)  
CONTROL SYSTEM FOR A PROGRAMMED SPRAYING DEVICE

Publication  
**EP 0288877 B1 19920902 (DE)**

Application  
**EP 88106215 A 19880419**

Priority  
DE 3714000 A 19870427

Abstract (en)  
[origin: US4838311A] In the sequential coating of motor-vehicle bodies using a preprogrammed painter-robot, the paint is switched on and off by an automatically controlled pilot needle-valve (FNV) at predetermined times as a function of the relative positions of the robot and the motor-vehicle body. Return circuits including flow-control valves (DV1, DV2) actuated at predetermined times are provided which match the switching on and off of the pilot needle-valve (FNV) for avoiding unwanted pressure fluctuations.

IPC 1-7  
**B05B 12/02**

IPC 8 full level  
**B05B 12/02** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP US)  
**B05B 12/02** (2013.01 - EP US); **B05B 12/14** (2013.01 - EP US); **Y10T 137/85954** (2015.04 - EP US); **Y10T 137/86171** (2015.04 - EP US); **Y10T 137/86461** (2015.04 - EP US)

Cited by  
EP0627268A3

Designated contracting state (EPC)  
BE DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0288877 A2 19881102**; **EP 0288877 A3 19891011**; **EP 0288877 B1 19920902**; DE 3714000 A1 19881110; DE 3874191 D1 19921008; ES 2035135 T3 19930416; US 4838311 A 19890613

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**EP 88106215 A 19880419**; DE 3714000 A 19870427; DE 3874191 T 19880419; ES 88106215 T 19880419; US 18285388 A 19880418