

Title (en)
Paint applicator and coating method

Title (de)
Farbauftragegerät und Beschichtungsverfahren

Title (fr)
Applicateur de peinture et procédé de revêtement

Publication
EP 1884365 A1 20080206 (EN)

Application
EP 06118074 A 20060728

Priority
EP 06118074 A 20060728

Abstract (en)
An applicator head (6) for applying paint to an object surface, said applicator head comprising at least one fluid supply channel (50) and at least one nozzle (57) outlet for paint. The least one nozzle is arranged in groups or arrays (3), each with means for producing a pressure pulse in the paint so causing a small quantity of paint to be ejected from the at least one nozzle. The speed and timing of paint ejection may be controlled separately for each of the plurality of nozzles in the applicator head. For use with painting systems and automated or robotic painting systems for painting automobiles and the like.

IPC 8 full level
B41J 3/407 (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP US)
B05B 1/14 (2013.01 - EP); **B05B 12/04** (2013.01 - EP); **B05B 13/0452** (2013.01 - EP); **B41J 3/4073** (2013.01 - EP US);
B05B 12/124 (2013.01 - EP)

Citation (search report)
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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