

Title (en)  
NOZZLE HEAD

Publication  
**EP 0408786 B1 19930825 (DE)**

Application  
**EP 89113217 A 19890719**

Priority  
EP 89113217 A 19890719

Abstract (en)  
[origin: EP0408786A1] In order largely to prevent formation of mist in the case of a nozzle head which is connected to a high-pressure paint spraying gun, the dispenser (8) from which the colour emerges has a very small wall thickness of less than 0.5 mm. The round air jet nozzle (16) which surrounds the dispenser (8) and over whose outlet surface the dispenser (8) protrudes is provided with a depression (17) which fans out the round air jet. The round air jet nozzle (16) is surrounded by a ring of air bores (18) which open in the same annular space (13) as the round air jet nozzle (16) and which have a smaller overall cross-sectional surface than the surface of the round air jet nozzle (16) and which produce an annular air screen which envelops the round air jet. <IMAGE>

IPC 1-7  
**B05B 7/08**

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

CPC (source: EP US)  
**B05B 7/0815** (2013.01 - EP US)

Cited by  
US5540385A; EP0650766A3; DE4208500A1; EP1923138A1; EP1331037A2

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AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
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