

Title (en)
Low-stain coating applicator

Title (de)
Verschmutzungsarmer Auftragskopf

Title (fr)
Dispositif applicateur antitache

Publication
EP 1658903 A3 20081203 (DE)

Application
EP 05023234 A 20051025

Priority
DE 202004017317 U 20041109

Abstract (en)
[origin: EP1658903A2] Application head comprises a first gap arranged between an application roller (10) and a first housing section (21) of a housing which partially surrounds the application roller. The gap cross-section is dimensioned so that liquid is conveyed through the gap from an application region into a collecting region. An independent claim is also included for an application device containing the application head.

IPC 8 full level
B05C 1/08 (2006.01)

CPC (source: EP)
B05C 1/0813 (2013.01); **B05C 1/086** (2013.01); **B05C 11/1039** (2013.01)

Citation (search report)
• [X] DE 3834287 A1 19900412 - HYMMEN THEODOR GMBH [DE]
• [X] DE 19741802 A1 19990325 - SCHAEFER HANS JUERGEN [DE]
• [X] DE 1577769 A1 19690626 - HENKEL & CIE GMBH
• [X] DE 19604934 A1 19970130 - JAGENBERG PAPIERTECH GMBH [DE]
• [X] US 5766350 A 19980616 - BECKER INGO [DE], et al
• [X] GB 2015318 A 19790912 - MOLINS MACHINE CO INC
• [X] NL 7213861 A 19740416
• [X] US 3782994 A 19740101 - DOHERTY J
• [X] FR 1386101 A 19650115 - UNITED SHOE MACHINERY AB
• [X] US 3272177 A 19660913 - KELLEY JOHN S
• [A] WO 9113690 A1 19910919 - VERMEHREN H RICHARD [US]

Designated contracting state (EPC)
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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
DE 202004017317 U1 20060316; EP 1658903 A2 20060524; EP 1658903 A3 20081203; EP 1658903 B1 20100310; ES 2338435 T3 20100507

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