

Title (en)

Brush for nail varnish or the like

Title (de)

Pinsel für Nagellack oder dergleichen

Title (fr)

Pinceau pour appliquer du vernis à ongles, ou un produit analogue

Publication

EP 0937424 A3 20000105 (FR)

Application

EP 99201160 A 19941026

Priority

- EP 94402403 A 19941026
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Abstract (en)

[origin: EP0651955A1] The brush (1) for application of nail varnish or similar product includes bristles (3, 4) forming a tuft (2) which is obtained from a bundle of substantially parallel bristles folded in two halfway along their length, the bristles being fastened to the end of a wand (5) by engagement, with gripping, of the folded part (8) of the tuft of bristles in a housing (9) opening up at the end of the wand. The bristles (3, 4) have sections accepting a circumscribed circle of constant diameter and are chosen from at least two groups, the bristles (3) of one group being arranged so as to have a mechanical behaviour on flexing which is different from that of the bristles (4) of the other group so that, during folding and gripping of the different groups of bristles, these groups give a ventilated and spread-out brush tuft (2), with relatively large spaces between bristles which favour good capillarity for varnishes, the viscosity of which may vary over a wide range. <IMAGE>

IPC 1-7

A46B 9/06; **A46B 3/16**

IPC 8 full level

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CPC (source: EP US)

A46B 3/16 (2013.01 - EP US); **A46B 9/06** (2013.01 - EP US); **A46B 2200/1046** (2013.01 - EP US)

Citation (search report)

- [XY] DE 3841986 C1 19900405
- [Y] GB 2247400 A 19920304 - JOHNSON & JOHNSON CONSUMER [US]
- [Y] FR 2687055 A1 19930813 - OREAL [FR]
- [X] US 5249327 A 19931005 - HING ALLY O [US]
- [A] US 2668311 A 19540209 - PARRY WILLIAM A
- [A] US 4305234 A 19811215 - PICHELMAN FRANKLIN D

Cited by

DE102004008618A1; EP1566116A2; FR3112275A1; FR3133983A1

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EP 0651955 A1 19950510; **EP 0651955 B1 20010117**; CA 2134734 A1 19950506; CA 2134734 C 19990202; DE 69426591 D1 20010222; DE 69426591 T2 20010531; DE 69430220 D1 20020425; DE 69430220 T2 20020718; DE 69430220 T3 20060803; EP 0937424 A2 19990825; EP 0937424 A3 20000105; EP 0937424 B1 20020320; EP 0937424 B2 20060111; ES 2153411 T3 20010301; ES 2171065 T3 20020816; ES 2171065 T5 20060501; FR 2711898 A1 19950512; FR 2711898 B1 19951229; JP 2977452 B2 19991115; JP H07184716 A 19950725; JP H10295440 A 19981110; US 5588447 A 19961231

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