

Title (en)
Hair curler

Title (de)
Lockenwickler zum Aufwickeln menschlichen Haares

Title (fr)
Bigoudi

Publication
EP 0992202 A3 20020904 (DE)

Application
EP 99119495 A 19991001

Priority
DE 19845924 A 19981006

Abstract (en)
[origin: EP0992202A2] The roller has a hollow metal or plastic support body (2) and an outer covering (5). The cover is a strip (4) of brush material comprising a carrier layer (7) with projecting bristles (8) of 4-7 mm length. The bristles are at an angle of ca. 50-70 degrees to the tangential circumferential direction of the support body. The bristles are inclined and overlap each other in an X-formation. The strip has surface-active cationic and amphotonic ingredients to render it anti-static.

IPC 1-7
A45D 2/12; A45D 2/24

IPC 8 full level
A45D 2/24 (2006.01)

CPC (source: EP)
A45D 2/2471 (2013.01)

Citation (search report)
• [A] EP 0460452 A1 19911211 - JUENEMANN GMBH [DE]
• [A] US 5713380 A 19980203 - DIETZE RUTHARD [DE]
• [A] US 3123080 A 19640303
• [A] DE 1821404 U 19601110 - NOWA WESTI G M B H KOSM FABRIK [DE]

Cited by
US8875717B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0992202 A2 20000412; EP 0992202 A3 20020904; DE 19845924 C1 20000420; TR 199902453 A2 20000522

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EP 99119495 A 19991001; DE 19845924 A 19981006; TR 9902453 A 19991005