

Title (en)

PROCESS FOR THE PRODUCTION OF A HYDROPHILIC COATING ON A MOULDED PART, AND RAZOR MANUFACTURED BY APPLYING THE PROCESS

Publication

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Application

EP 88107114 A 19880504

Priority

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Abstract (en)

[origin: EP0289996A2] A process for forming and applying a hydrophilic coating which has very low friction in the moist state to a razor, in which a solution containing a water-soluble polymer, in particular polyvinylpyrrolidone, is applied and cured. The razor is made of plastic, such as polystyrene or ABS, or of metal provided with a device which reduces the friction. The invention proposes that the solution applied to the moulding comprises a water-soluble polymer, in particular poly-N-vinylpyrrolidone or a copolymer thereof, one or more free radical-polymerisable vinylmonomers and a photoinitiator which decomposes on irradiation to form free radicals, and that the applied solution is exposed to UV irradiation for curing.

IPC 1-7

B05D 5/08; **B05D 7/02**; **B05D 7/16**; **B05D 7/26**; **B26B 21/42**

IPC 8 full level

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IPC 8 main group level

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CPC (source: EP US)

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Cited by

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