

Title (en)

Process and device for manufacturing an hydrophilic cotton article

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Artikels aus Baumwolle

Title (fr)

Procédé et dispositif pour fabriquer un produit de coton hydrophile

Publication

EP 1167605 B1 20080528 (FR)

Application

EP 01121057 A 20000613

Priority

- EP 00951582 A 20000613
- FR 9907612 A 19990616

Abstract (en)

[origin: EP1167605A1] Hydrophilic cotton product with front soft surface and rough reverse surface, comprises first soft external layer of fine fibers, and second rough external layer of large fibers. The product, consisting totally of cotton fibres, comprises at least one first and one second external layer, the former made of fine fibers with low micron index, forming soft surface, and the latter of larger fibers with higher micron index, forming rough surface. The surface of the external layers may be divided into stripes, with the space between the stripes of first external layer smaller than that of the second external layer, preferably 0.4-1.2 mm and 1.2-3 mm, respectively, or the second layer may have a sequence of groups of stripes, with the space between the stripes in each group 0.4-1.2 mm and the space between each group and the next one equal 1.4-4 mm. At least one of the external layers may have surface imprint, and the first external layer (soft) may comprise softening agent distributed within this layer. Independent claims are also included for: (1) the process of making hydrophilic cotton product as claimed, during which each external layer is sprayed with jets of water with the determined distance between the axes of each consecutive jet, and this distance is adjusted in such manner as to produce different space between the stripes produced by jets on the first layer to that produced on the second layer; and (2) the use of the product as claimed for applying and/or removing make-up.

IPC 8 full level

A45D 40/00 (2006.01); **D04H 1/02** (2006.01); **D04H 1/425** (2012.01); **D04H 1/4266** (2012.01); **D04H 1/492** (2012.01); **D04H 1/495** (2012.01); **D04H 1/498** (2012.01); **D04H 13/00** (2006.01)

CPC (source: EP US)

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