

Title (en)
NONWOVEN CLOTH

Title (de)
VLIESSTOFF

Title (fr)
TISSU NON TISSÉ

Publication
EP 2902537 A4 20160601 (EN)

Application
EP 13842672 A 20130920

Priority
• JP 2012218854 A 20120928
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Abstract (en)
[origin: EP2902537A1] In order to address the problem of providing a nonwoven cloth provided with both improved softness and adequate thickness and specific volume, the present invention provides a nonwoven cloth having thermally fused composite fibers (F1, F2) that are mutually intersecting and overlapping, and a constricted thermally adhesive section (B1) in which the thermally fused composite fibers (F1, F2) are thermally fused in the intersection region (R1); wherein the constricted thermally adhesive section (B1) has a recessed surface facing a center line (A1) extending in a direction (Z1) overlapping with the thermally fused composite fibers across the center (P1) of the intersection region (R1), the distance between the thermally fused composite fibers (F1, F2) being larger than the sum of the radii of the thermally fused composite fibers, the thickness under a load of 3.0 gf/cm² being 0.5-3.0 mm, and the specific volume being 6-300 cm³/g.

IPC 8 full level
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Citation (search report)
• [IY] WO 2011046065 A1 20110421 - KAO CORP [JP], et al
• [A] EP 0105730 A2 19840418 - CHICOPEE [US]
• [Y] EP 2189562 A1 20100526 - KAO CORP [JP]
• See references of WO 2014050762A1

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