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WOVEN FABRIC

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WEBSTOFF

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Application
EP 16870822 A 20161202

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Abstract (en)
[origin: EP3385419A1] An object of the present invention is to provide a woven fabric that hardly causes yarn slippage due to friction, is excellent in abrasion resistance, has a smooth surface, and is excellent in touch feeling. The present invention provides a woven fabric including a warp and a weft, at least one of the warp and the weft being at least partially a fiber (M) that is a monofilament 1, a fiber (N) crossing the fiber (M) being at least partially a multifilament 2, the woven fabric satisfying either one of the following (1) and (2): (1) the monofilament 1 is fused to the multifilament 2, and the woven fabric satisfies both the following (A) and (B) : $1.0 \leq a/L \leq 1.5$ $0.5 \leq h/b \leq 1.0$ and (2) the monofilament 1 is not fused to the multifilament 2, and the woven fabric satisfies both the following (C) and (D) : $1.0 \leq a/L \leq 1.5$ $0.7 \leq h/b \leq 1.0$ a: length of the multifilament 2 in a cross section thereof in a direction of woven fabric surface; b: length of the multifilament 2 in a cross section thereof in a direction of woven fabric thickness; L: center-to-center distance between filaments of the multifilament 2 adjacent across the fiber (M); and h: crimp height of the monofilament 1.

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Citation (search report)
• [X] EP 2843091 A1 20150304 - TORAY INDUSTRIES [JP], et al
• [A] US 8701716 B2 20140422 - KASHIHARA EMI [JP]
• [A] EP 2423359 A2 20120229 - GOLD JOINT IND CO LTD [CN]
• See references of WO 2017094887A1

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