

Title (en)
TEXTURED WATER-REPELLANT FABRIC

Title (de)
TEXTURIERTES WASSERABWEISENDES GEWEBE

Title (fr)
TISSU TEXTURÉ HYDROFUGE

Publication
EP 3652375 A1 20200520 (EN)

Application
EP 18711724 A 20180219

Priority
• US 201762460863 P 20170219
• US 2018018592 W 20180219

Abstract (en)
[origin: WO2018152459A1] Textured fabrics have raised projections separated by depressed areas. The raised projections have heights of 0.3 to 8 mm above the level of the surrounding depressed areas. The raised projections have a pitch of 0.25 to 10 mm. The raised projections are locked into the fabric by the presence of a flexible, crosslinked polymer. The fabrics are water-resistant and breathable. The raised projections and the depressed areas create channels through which water can flow, maintaining the air permeability of the textured fabric during rainstorms. The textured fabric may be part of an outerwear rain jacket.

IPC 8 full level
D06M 15/263 (2006.01); **D06M 15/277** (2006.01); **D06M 15/705** (2006.01); **D06M 15/71** (2006.01); **D06M 15/715** (2006.01);
D06M 17/00 (2006.01); **D06M 23/16** (2006.01); **D06N 3/00** (2006.01)

CPC (source: EP US)
A41D 31/102 (2019.01 - EP US); **D06M 15/263** (2013.01 - EP); **D06M 15/277** (2013.01 - EP); **D06M 15/705** (2013.01 - EP US);
D06M 15/71 (2013.01 - EP US); **D06M 17/00** (2013.01 - EP); **D06M 23/16** (2013.01 - EP); **D06N 3/0077** (2013.01 - EP);
B32B 2307/724 (2013.01 - US); **D06M 2200/10** (2013.01 - EP); **D06M 2200/12** (2013.01 - EP US); **D06N 2209/123** (2013.01 - EP);
D06N 2209/142 (2013.01 - EP)

Citation (search report)
See references of WO 2018152459A1

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Designated extension state (EPC)
BA ME

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WO 2018152459 A1 20180823; CA 3053785 A1 20180823; EP 3652375 A1 20200520; US 2020060366 A1 20200227

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US 2018018592 W 20180219; CA 3053785 A 20180219; EP 18711724 A 20180219; US 201816484801 A 20180219