Title (en)
FABRIC AND METHOD OF MAKING THE SAME

Title (de)
STOFF UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
TISSU ET SON PROCÉDÉ DE FABRICATION

Publication
EP 2909367 A1 20150826 (EN)

Application
EP 13846584 A 20131015

Priority
• US 201213653216 A 20121016
• US 2013065125 W 20131015

Abstract (en)
[origin: WO2014062731A1] A fabric for thermal management including the cooling of an object, such as a person's skin. The fabric is formed of a plurality of functional zones arranged to extend the period of cooling without the use of artificial cooling chemicals. The functional zones include one or more of three different functional zone types. The first type diverts moisture. The second type retains and stores moisture. The third type absorbs moisture. One of the functional zones may be punched to create perforations to provide fabric flexibility and to assist in liquid diversion from within the fabric. An anchor system facilitates retention of the fabric on the object.

IPC 8 full level
D03D 11/00 (2006.01); **A41D 31/00** (2006.01); **B32B 19/04** (2006.01); **D03D 15/00** (2006.01)

CPC (source: EP US)
A41D 31/102 (2019.01 - EP US); **B32B 3/266** (2013.01 - EP); **B32B 5/024** (2013.01 - EP); **B32B 5/026** (2013.01 - EP); **B32B 5/26** (2013.01 - EP); **B32B 7/12** (2013.01 - EP); **D03D 11/00** (2013.01 - EP US); A41D 31/12 (2019.01 - EP US); A41D 31/14 (2019.01 - EP US); B32B 2262/0261 (2013.01 - EP); B32B 2262/0276 (2013.01 - EP); B32B 2262/14 (2013.01 - EP); B32B 2307/546 (2013.01 - EP); B32B 2555/00 (2013.01 - EP); D10B 2401/02 (2013.01 - EP); D10B 2401/021 (2013.01 - EP); D10B 2401/022 (2013.01 - EP); D10B 2401/10 (2013.01 - EP); D10B 2403/011 (2013.01 - EP)

Designated contracting state (EPC)
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WO 2014062731 A1 20140424; AU 2013331379 A1 20150521; AU 2013331379 B2 20180510; BR 112015008329 A2 20170704; CA 2888932 A1 20140424; CN 105051277 A 20151111; CN 105051277 B 20170426; EP 2909367 A1 20150826; EP 2909367 A4 20151028; JP 2015532368 A 20151109; KR 20150068988 A 20150622; MX 2014008663 A 20150319; RU 2015118384 A 20161210; ZA 201502531 B 20160127

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