

Title (en)
PATTERNED HEAT MANAGEMENT MATERIAL

Title (de)
GEMUSTERTES WÄRMEMANAGEMENTMATERIAL

Title (fr)
MATÉRIAU DE GESTION DE CHALEUR À MOTIF

Publication
EP 2427070 B1 20140312 (EN)

Application
EP 10772916 A 20100507

Priority
• US 2010034124 W 20100507
• US 17644809 P 20090507

Abstract (en)
[origin: TW201043469A] Embodiments of the present disclosure relate generally to body gear having designed performance characteristics, and in particular to methods and apparatuses that utilize an array of heat managing elements coupled to a base fabric to direct body heat while also maintaining the desired transfer properties of the base fabric. In some embodiments, the heat managing material elements include heat management elements that reflect heat or conduct heat, and may be directed towards the body of a user or away from the body of the user?

IPC 8 full level
A41D 13/005 (2006.01); **A41D 13/00** (2006.01); **A41D 13/002** (2006.01); **A41D 31/00** (2006.01); **A43B 7/34** (2006.01); **A47G 9/08** (2006.01); **E04H 15/12** (2006.01)

CPC (source: EP US)
A41D 31/065 (2019.01 - EP); **A41D 31/102** (2019.01 - EP US); **A41D 31/12** (2019.01 - EP US); **A41D 31/14** (2019.01 - EP US); **A41D 31/145** (2019.01 - EP US); **A43B 7/34** (2013.01 - EP); **A47G 9/086** (2013.01 - EP US); **E04H 15/12** (2013.01 - EP); **A41D 2400/10** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 202010017658 U1 20120330; AR 076553 A1 20110622; DE 202010017663 U1 20120404; DE 202010017664 U1 20120404; EP 2427070 A2 20120314; EP 2427070 A4 20130123; EP 2427070 B1 20140312; ES 2458926 T3 20140507; HK 1168007 A1 20121221; PL 2427070 T3 20141128; TW 201043469 A 20101216; TW I495569 B 20150811

DOCDB simple family (application)
DE 202010017658 U 20100507; AR P100101576 A 20100507; DE 202010017663 U 20100507; DE 202010017664 U 20100507; EP 10772916 A 20100507; ES 10772916 T 20100507; HK 12108827 A 20120910; PL 10772916 T 20100507; TW 99114653 A 20100507