

Title (en)
VENTILATED AND PROTECTIVE ARTICLES OF APPAREL

Title (de)
GELÜFTETE KLEIDUNGSSCHUTZARTIKEL

Title (fr)
ARTICLES D'HABILLEMENT VENTILÉS ET PROTECTEURS

Publication
EP 3398465 A1 20181107 (EN)

Application
EP 17191682 A 20140122

Priority
• US 201313747974 A 20130123
• EP 14712797 A 20140122
• US 2014012427 W 20140122

Abstract (en)
A system may include an article of apparel (300) and a fluid source. The article of apparel incorporates a plurality of fluid channels (330), and the apparel includes a fluid connector (320) in fluid communication with the fluid channels. A fluid source is configured to join with the fluid connector (320) and supply a fluid to the fluid channels. The article of apparel may include a pad component formed from a polymer foam material, which defines the fluid channels. A pair of material elements may be secured to opposite sides of the pad component, with one of the material elements being fluid permeable adjacent to at least a portion of the fluid channels (330).

IPC 8 full level
A41D 13/00 (2006.01); **A41D 13/005** (2006.01)

CPC (source: EP US)
A41D 13/0015 (2013.01 - EP US); **A41D 13/005** (2013.01 - EP US); **A41D 13/0051** (2013.01 - US); **A41D 13/0053** (2013.01 - US); **A41D 13/0056** (2013.01 - US); **A41D 13/015** (2013.01 - US); **A41D 13/0155** (2013.01 - US); **A41D 13/0158** (2013.01 - US); **A41D 31/145** (2019.01 - EP US); **A63B 71/081** (2013.01 - US); **A41D 27/28** (2013.01 - EP US); **A41D 2400/36** (2013.01 - EP US)

Citation (applicant)
• US 2006003688 A1 20060105 - TURNER DAVID [US]
• US 2010125928 A1 20100527 - SMITH MICHAEL [US], et al
• US 201213485739 A 20120531

Citation (search report)
• [XDY] US 2006003688 A1 20060105 - TURNER DAVID [US]
• [XYI] US 2001000849 A1 20010510 - SIMAN-TOV MOSHE [US], et al
• [IY] WO 2010035040 A1 20100401 - BCB INT LTD [GB], et al

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DE102018205187A1; US11350684B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)
US 2014201891 A1 20140724; CN 104936471 A 20150923; CN 104936471 B 20170707; EP 2948010 A2 20151202; EP 2948010 B1 20201111; EP 3398465 A1 20181107; EP 3398465 B1 20220126; US 2017014706 A1 20170119; WO 2014116624 A2 20140731; WO 2014116624 A3 20141023

DOCDB simple family (application)
US 201313747974 A 20130123; CN 201480005458 A 20140122; EP 14712797 A 20140122; EP 17191682 A 20140122; US 2014012427 W 20140122; US 201615278412 A 20160928