

Title (en)  
SPORTSWEAR WITH AT LEAST ONE CONTROLLED TEMPERATURE ZONE

Title (de)  
SPORTBEKLEIDUNG MIT WENIGSTENS EINER KLIMAZONE

Title (fr)  
VÊTEMENT DE SPORT COMPRENANT AU MOINS UNE ZONE DE THERMORÉGULATION

Publication  
**EP 3370555 A1 20180912 (DE)**

Application  
**EP 16797776 A 20161104**

Priority  
• DE 102015118892 A 20151104  
• EP 2016076680 W 20161104

Abstract (en)  
[origin: CA3002310A1] The invention relates to a piece of sportswear with at least one controlled temperature zone (10.1) which is made of a textile fabric structure (11.1) that is shirred locally via tension zones (15.1) so as to form webs (14.1). The webs are designed to contact the skin (200) of the wearer on the interior of the fabric structure (11.1), and inner air channels (13.1) are formed between the webs. At least one groove which forms an outer air channel (18.1) is formed on the rear face of each of the webs (14.1) on the shirred sheet structure (11.1). The controlled temperature zone (10.1) is equipped with a plurality of individualized controlled temperature elements (12.1) which are contained in short webs (14.1) that are separated from one another by lateral separation zones (16.1). Adjacent inner air channels (13.1) are connected together by the separation zones (16.1), and the separation zones (16.1) are laterally offset to one another between the controlled temperature elements (12.1) such that the controlled temperature elements (12.1) are arranged so as to at least partly overlap with respect to the length of the vertical body axis (X).

IPC 8 full level  
**A41D 27/28** (2006.01); **A41D 13/002** (2006.01)

CPC (source: EP KR RU US)  
**A41D 13/0015** (2013.01 - KR RU); **A41D 13/002** (2013.01 - KR RU US); **A41D 13/0056** (2013.01 - EP); **A41D 27/28** (2013.01 - EP KR RU US); **A41D 31/12** (2019.01 - KR RU US); **A41D 31/125** (2019.01 - EP US); **A41D 31/14** (2019.01 - KR RU); **A41D 13/0015** (2013.01 - EP US); **A41D 2600/10** (2013.01 - KR)

Citation (search report)  
See references of WO 2017077040A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102015118892 A1 20170504**; AU 2016349411 A1 20180517; AU 2016349411 B2 20211028; CA 3002310 A1 20170511; CA 3002310 C 20231010; CN 108289518 A 20180717; CN 108289518 B 20200731; DK 3370555 T3 20200330; EP 3370555 A1 20180912; EP 3370555 B1 20200108; ES 2779775 T3 20200819; HK 1254990 A1 20190802; JP 2018538451 A 20181227; JP 6896727 B2 20210630; KR 20180077208 A 20180706; PL 3370555 T3 20200824; RU 2018120355 A 20191204; RU 2018120355 A3 20200228; RU 2720956 C2 20200515; SI 3370555 T1 20200731; US 2018317582 A1 20181108; WO 2017077040 A1 20170511

DOCDB simple family (application)  
**DE 102015118892 A 20151104**; AU 2016349411 A 20161104; CA 3002310 A 20161104; CN 201680064179 A 20161104; DK 16797776 T 20161104; EP 16797776 A 20161104; EP 2016076680 W 20161104; ES 16797776 T 20161104; HK 18114101 A 20181105; JP 2018522724 A 20161104; KR 20187014801 A 20161104; PL 16797776 T 20161104; RU 2018120355 A 20161104; SI 201630670 T 20161104; US 201615770892 A 20161104