

Title (en)

GARMENT HAVING AT LEAST ONE BREATHABLE REGION

Title (de)

KLEIDUNGSSTÜCK MIT MINDESTENS EINEM KLIMAREGULIERUNGSBEREICH

Title (fr)

VÊTEMENT AVEC AU MOINS UNE ZONE DE CLIMATISATION

Publication

EP 3727067 A1 20201028 (DE)

Application

EP 18840026 A 20181218

Priority

- CH 15602017 A 20171219
- EP 2018085619 W 20181218

Abstract (en)

[origin: WO2019121760A1] In a garment (0) comprising a textile layer (1), with an inner side (10) facing a wearer when the garment is worn and an outer side (11) facing away from the skin (3), a breathable effect in breathable regions is to be obtained despite a lack of direct contact with the skin of a wearer. This is achieved in that the textile layer (1) has at least one breathable region (2) at a distance from the wearer's skin (3) when the garment is worn, in which breathable region a plurality of thread tentacles (20), each designed in a single piece as an open loop, are brought out of individual second threads into the textile layer (1) in such a way that each thread tentacle (20) has two tentacle sections (200) pointing away from the inner side (10) of the textile layer (1) and one central section (201) extending along on the outer side (11), wherein the tentacle sections (200) of the thread tentacles (20) can, when the garment (0) is worn, be brought into direct contact with the surface of the wearer's skin, while the inner side (10) of the textile layer (1) remains at a distance from the skin surface in the region of the breathable region (2).

IPC 8 full level

A41D 13/002 (2006.01); **A41D 31/06** (2019.01); **A41D 31/12** (2019.01); **D04B 1/04** (2006.01); **D04B 1/24** (2006.01)

CPC (source: CH EP KR US)

A41D 13/002 (2013.01 - CH EP KR); **A41D 27/28** (2013.01 - US); **A41D 31/04** (2019.01 - CH); **A41D 31/06** (2019.01 - EP KR US); **A41D 31/102** (2019.01 - KR); **A41D 31/12** (2019.01 - EP KR US); **A41D 31/145** (2019.01 - US); **D04B 1/04** (2013.01 - CH US); **D04B 1/24** (2013.01 - CH); **D04B 1/246** (2013.01 - US); **A41D 31/06** (2019.01 - CH); **A41D 31/12** (2019.01 - CH); **A41D 2500/10** (2013.01 - US); **D10B 2401/02** (2013.01 - EP KR); **D10B 2401/022** (2013.01 - US); **D10B 2403/0111** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2019121760A1

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)

WO 2019121760 A1 20190627; CH 714468 A1 20190628; CN 111757681 A 20201009; CN 111757681 B 20230929; EP 3727067 A1 20201028; JP 2021507134 A 20210222; KR 20200096938 A 20200814; US 2021015190 A1 20210121

DOCDB simple family (application)

EP 2018085619 W 20181218; CH 15602017 A 20171219; CN 201880082497 A 20181218; EP 18840026 A 20181218; JP 2020533708 A 20181218; KR 20207018673 A 20181218; US 201816955338 A 20181218