

Title (en)
PROTECTIVE CLOTHING

Title (de)
PERSONENSCHUTZANZUG

Title (fr)
VÊTEMENT DE PROTECTION

Publication
EP 3884804 A4 20220907 (EN)

Application
EP 19887292 A 20191107

Priority
• JP 2018217377 A 20181120
• JP 2018217378 A 20181120
• JP 2019043611 W 20191107

Abstract (en)
[origin: EP3884804A1] In order to provide protective clothing which is not only excellent in wearing comfortability but also suppresses the occurrence of dew condensation even when accouterments are worn, protective clothing is coupled with a hood that is composed of a nonwoven fabric having a quantity of ventilation of 20 cm³/cm²/sec or more and 150 cm³/cm²/sec or less and a nonwoven fabric having a quantity of ventilation of 0 cm³/cm²/sec or more and 19 cm³/cm²/sec or less, the hood has an opening at a position to be center of a wearer's face and belt-shaped materials at an upper side of the opening and at lower portions of right and left sides of the opening, and the two belt-shaped materials are coupled with or are configured to be couplable with each other at right and left side heads.

IPC 8 full level
A41D 13/00 (2006.01); **A41D 27/28** (2006.01); **A41D 31/102** (2019.01); **A41D 31/14** (2019.01); **A41D 13/11** (2006.01)

CPC (source: EP KR US)
A41D 13/00 (2013.01 - EP); **A41D 13/02** (2013.01 - KR); **A41D 13/05** (2013.01 - KR); **A41D 13/1153** (2013.01 - KR US); **A41D 27/20** (2013.01 - KR); **A41D 27/28** (2013.01 - EP US); **A41D 31/102** (2019.01 - EP KR); **A41D 31/145** (2019.01 - EP); **B65D 85/18** (2013.01 - KR); **A41D 2200/20** (2013.01 - EP US); **A41D 2400/38** (2013.01 - KR); **A41D 2400/52** (2013.01 - KR US); **A41D 2500/30** (2013.01 - KR US)

Citation (search report)
• [I] WO 0103528 A1 20010118 - UNI CHARM CORP [JP], et al
• [I] US 10039941 B2 20180807 - JOHNSON DEBRA SHARON [US]
• See references of WO 2020105443A1

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)
EP 3884804 A1 20210929; **EP 3884804 A4 20220907**; CN 113038851 A 20210625; CN 113038851 B 20221118; JP 7424056 B2 20240130; JP WO2020105443 A1 20211007; KR 20210092193 A 20210723; TW 202027634 A 20200801; US 2021401098 A1 20211230; WO 2020105443 A1 20200528

DOCDB simple family (application)
EP 19887292 A 20191107; CN 201980075523 A 20191107; JP 2019043611 W 20191107; JP 2019568785 A 20191107; KR 20217008416 A 20191107; TW 108141484 A 20191115; US 201917289836 A 20191107