

Title (en)
COOLING GARMENT

Title (de)
KÜHLENDES KLEIDUNGSSTÜCK

Title (fr)
VÊTEMENT DE REFROIDISSEMENT

Publication
EP 3989762 B1 20231025 (EN)

Application
EP 20736799 A 20200625

Priority
• NL 2023381 A 20190625
• NL 2020050415 W 20200625

Abstract (en)
[origin: WO2020263090A1] The invention relates to a cooling garment for cooling a torso of a wearer, comprising a front and a rear panel with a neck opening therebetween, wherein the front panel and the rear panel together comprise one single cooling section composed of two outer layers with a water absorbent layer sandwiched therebetween. The two outer layers are sealed together along their edges to form a single compartment for the storage of water, wherein the portions of the compartment that are at the front and the rear panel are in fluid communication with one another over the shoulders. Both outer layers are impermeable to water but permeable to water vapor. The cooling garment may be activated by filling the compartment with water via an inlet in one of the outer layers.

IPC 8 full level
A41D 13/005 (2006.01); **A41D 13/05** (2006.01); **A41D 27/28** (2006.01); **A41D 31/102** (2019.01); **A41D 31/12** (2019.01)

CPC (source: CN EP KR US)
A41D 13/0056 (2013.01 - CN EP KR US); **A41D 13/0512** (2013.01 - CN); **A41D 13/0518** (2013.01 - CN EP KR); **A41D 27/00** (2013.01 - CN);
A41D 27/28 (2013.01 - CN EP KR US); **A41D 31/102** (2019.01 - CN EP KR US); **A41D 31/125** (2019.01 - CN EP KR); **A41D 1/04** (2013.01 - EP);
A41D 13/0512 (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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2020263090 A1 20201230; AU 2020307273 A1 20220217; CN 114173595 A 20220311; EP 3989762 A1 20220504;
EP 3989762 B1 20231025; JP 2022540775 A 20220920; KR 20220018067 A 20220214; NL 2023381 B1 20210201;
US 2022338567 A1 20221027

DOCDB simple family (application)

NL 2020050415 W 20200625; AU 2020307273 A 20200625; CN 202080053695 A 20200625; EP 20736799 A 20200625;
JP 2021576916 A 20200625; KR 20227002269 A 20200625; NL 2023381 A 20190625; US 202017622630 A 20200625