

Title (en)

ARTICLE OF WARMTH WITH INNER REPLACEABLE THERMALLY INSULATING PANELS

Title (de)

WÄRMEARTIKEL MIT INNEREN, AUSTAUSCHBAREN WÄRMEDÄMMENDEN BAHNEN

Title (fr)

ARTICLE DE CHALEUR DOTÉ DE PANNEAUX THERMIQUEMENT ISOLANTS REMPLAÇABLES INTERNES

Publication

EP 3562345 A4 20200923 (EN)

Application

EP 17889089 A 20171228

Priority

- CA 2953171 A 20161228
- US 201715530362 A 20170103
- IB 2017058478 W 20171228

Abstract (en)

[origin: WO2018122776A2] Thermally insulating article of warmth (e.g., apparel) includes thermally insulating flexible panels disposed and removably secured between outer shell fabric and inner lining fabric. Thermally insulating panels are inserted through an opening having a closure and are retained in position by detachable fasteners. Panels are removed to change them with panels having different thermal values or properties to adapt to different climatic conditions or to wash the article without the insulation. By removing the insulation panels article is less bulky to wash and dry and takes less time for washing and drying while preventing damage to the insulation, particularly if constructed of insulating material which absorbs humidity and has a tendency to form clumps when subjected to impact and stretching forces by the action of a washing and drying machine. Inner liner may also be detachable and formed as a pouch for removable securement of the thermally insulating flexible panels.

IPC 8 full level

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CPC (source: EP)

A41D 27/04 (2013.01); **A41D 31/065** (2019.01); **A47G 9/086** (2013.01)

Citation (search report)

- [I] GB 2095096 A 19820929 - DESCENTE LTD
- See references of WO 2018122776A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2018122776 A2 20180705; WO 2018122776 A3 20180927; CN 110325064 A 20191011; EP 3562345 A2 20191106; EP 3562345 A4 20200923; JP 2020503463 A 20200130

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