

Title (en)

Electronic heating/warming fabric articles

Title (de)

Elektronische heizende/wärmende Stoffgegenstände

Title (fr)

Articles textiles chauffants/réchauffants électriquement

Publication

**EP 1793651 A1 20070606 (EN)**

Application

**EP 07003172 A 20030114**

Priority

- EP 03250206 A 20030114
- US 38618002 P 20020114

Abstract (en)

Electric heating/warming composite fabric articles have at least a fabric layer having inner and outer surfaces, and an electric heating/warming element, formed, e.g., of die cut, conductive textile or plastic sheeting or metal foil, affixed at the inner surface of the fabric layer and adapted to generate heating/warming when connected to a power source. A barrier layer may be positioned, for example, adjacent to the inner surface of the fabric layer, e.g., with the electric heating/warming element formed thereupon, including to protect the electric circuit, e.g. against abrasion.

IPC 8 full level

**A41D 31/00** (2006.01); **H05B 3/00** (2006.01); **H05B 3/06** (2006.01); **H05B 3/10** (2006.01); **H05B 3/12** (2006.01); **H05B 3/20** (2006.01); **H05B 3/34** (2006.01)

CPC (source: EP)

**A41D 31/065** (2019.01); **H05B 3/342** (2013.01); **H05B 2203/003** (2013.01); **H05B 2203/013** (2013.01); **H05B 2203/017** (2013.01); **H05B 2203/036** (2013.01)

Citation (search report)

- [XY] EP 1021064 A2 20000719 - MALDEN MILLS IND INC [US]
- [Y] DE 3334744 A1 19840412 - BULTEN KANTHAL AB [SE]
- [Y] US 4764665 A 19880816 - ORBAN RALPH F [US], et al
- [Y] GB 581212 A 19461004 - CALLENDER SUCHY DEVELOPMENTS L, et al
- [Y] GB 587189 A 19470417 - ALBERT VICTOR SUMMERS
- [Y] GB 653641 A 19510523 - BRITISH THOMSON HOUSTON CO LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

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