

Title (en)

MATERIAL FOR REINFORCING MECHANICAL STIMULI ON THE DERMIS AND SUBCUTIS AS WELL AS TENDONS, LIGAMENTS, JOINT CAPSULES AND MUSCLES IN THE PRODUCTION OF THERMALLY INSULATING CLOTHING AND BANDAGES, IN PARTICULAR MEDICAL, SPORTS AND ALSO VETERINARY MEDICAL BANDAGES

Title (de)

MATERIAL ZUR VERSTÄRKUNG MECHANISCHER REIZE AUF DIE DERMIS UND SUBCUTIS SOWIE SEHNEN, BÄNDER, GELENKKAPSELN UND MUSKELN BEI DER HERSTELLUNG VON THERMISCH ISOLIERENDER BEKLEIDUNG UND VON BANDAGEN INSBESONDERE MEDIZINISCHEN, SPORT- UND AUCH VETERINÄR-MEDIZINISCHEN BANDAGEN

Title (fr)

MATIÈRE POUR RENFORCER L'EXCITATION MÉCANIQUE RÉALISÉE SUR LE DERME ET L'HYPODERME, ET SUR LES TENDONS, LES LIGAMENTS, LES CAPSULES ARTICULAIRES ET LES MUSCLES LORS DE LA RÉALISATION DE VÊTEMENTS THERMIQUEMENT ISOLANTS ET DE BANDAGES, NOTAMMENT DE BANDAGES MÉDICAUX, DE BANDAGES DE SPORT AINSI QUE DE BANDAGES VÉTÉRINAIRES

Publication

**EP 2705185 B1 20180627 (DE)**

Application

**EP 12786802 A 20120711**

Priority

- DE 202011104835 U 20110822
- DE 2012000695 W 20120711

Abstract (en)

[origin: WO2013026431A2] The invention relates to material comprising a combination of a layer of blown synthetic polymers (2) for heat insulation and protuberances (5) applied thereto from a soft plastics material for reinforcing mechanical stimuli on the dermis and subcutis, which protuberances are raised or embossed by a thermal process. Additional textile layers are laminated (adhesively secured) (3) to the inner face of the material combination facing the skin (6) in such a manner that the surface configuration between skin and bandage permits a controlled dissipation of perspiration and heat (A). The protuberances of soft plastics material (figures 2 and 3, B) can be applied to the substrate material, adhesively secured to the heat- and perspiration-dissipating inner coating (figures 2 and 3, A), at both systematic and irregular intervals and in different shapes and heights.

IPC 8 full level

**D04H 1/4374** (2012.01)

CPC (source: EP)

**A41D 31/065** (2019.01); **B25B 23/1425** (2013.01); **D04H 1/4374** (2013.01)

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)

**DE 202011104835 U1 20111227**; EP 2705185 A2 20140312; EP 2705185 B1 20180627; WO 2013026431 A2 20130228; WO 2013026431 A3 20130418

DOCDB simple family (application)

**DE 202011104835 U 20110822**; DE 2012000695 W 20120711; EP 12786802 A 20120711