

Title (en)

ELECTRICALLY CONDUCTIVE, ELASTIC COMPOUND THREAD, PARTICULARLY FOR RFID TEXTILE LABELS, THE USE THEREOF, AND THE PRODUCTION OF A WOVEN FABRIC, KNITTED FABRIC, OR MESHWORK THEREWITH

Title (de)

ELEKTRISCH LEITENDER, ELASTISCHER COMPOUNDFADEN, INSBESONDERE FÜR RFID- TEXTILETIKETTEN, SOWIE SEINE VERWENDUNG UND DAS HERSTELLEN EINES GEWEBES, GEWIRKES ODER GEFLECHTS DAMIT

Title (fr)

FIL COMPOSITE ÉLASTIQUE, ÉLECTRIQUEMENT CONDUCTEUR, NOTAMMENT POUR DES ÉTIQUETTES TEXTILES RFID, SON UTILISATION, ET FABRICATION D'UN TISSU, D'UN TRICOT OU D'UNE TRESSE AVEC CE FIL

Publication

**EP 2118349 A1 20091118 (DE)**

Application

**EP 08700546 A 20080204**

Priority

- CH 2008000041 W 20080204
- CH 2312007 A 20070212

Abstract (en)

[origin: WO2008098386A1] In order to provide an electrically conductive, elastic, textile-processable compound thread (2), and protect the same from breaking under stress, the invention provides that the compound thread (2) has at least one conductor thread (4), a textile tension relief thread (6), and a textile binder thread (8). The compound thread (2) is produced on a knitting or double rib machine using textile binder threads (8), or knitted threads, or on a weaving machine using weft threads and textile binder threads (8). The tension relief thread (6) is disposed at higher tension than the conductor thread (4) and can be stressed using higher tension.

IPC 8 full level

**D02G 3/32** (2006.01); **D02G 3/44** (2006.01)

CPC (source: EP)

**D02G 3/32** (2013.01); **D02G 3/441** (2013.01); **D04B 21/202** (2013.01)

Citation (search report)

See references of WO 2008098386A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008098386 A1 20080821**; AT E489494 T1 20101215; BR PI0807510 A2 20140610; BR PI0807510 B1 20180116; CN 101578407 A 20091111; CN 101578407 B 20110413; DE 502008001886 D1 20110105; EP 2118349 A1 20091118; EP 2118349 B1 20101124; HK 1132250 A1 20100219; TW 200840891 A 20081016

DOCDB simple family (application)

**CH 2008000041 W 20080204**; AT 08700546 T 20080204; BR PI0807510 A 20080204; CN 200880001469 A 20080204; DE 502008001886 T 20080204; EP 08700546 A 20080204; HK 09112124 A 20091224; TW 97104446 A 20080205