

Title (en)

Electrically conductive, elastic composite yarn, corresponding device and manufacturing method

Title (de)

Elektrisch leitfähiges, elastisches Verbundstoffgarn, entsprechende Vorrichtung und Herstellungsverfahren

Title (fr)

Fil composite élastique, électriquement conducteur, dispositif correspondant et procédé de fabrication

Publication

EP 2236654 A1 20101006 (EN)

Application

EP 09380068 A 20090402

Priority

EP 09380068 A 20090402

Abstract (en)

The electrically conductive elastic composite yarn comprises a first elastic, non-conductive core (1a), and at least one conductive yarn (3). Also the composite yarn comprises at least a second elastic, non-conductive core (1b), and said conductive yarn (3) is wrapped in spirals alternatively around said first and second cores (1a,1b). The invention also considers a manufacturing method and a device for implementing the manufacturing method of the composite yarn.

IPC 8 full level

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

CPC (source: EP)

D02G 3/32 (2013.01); **D02G 3/441** (2013.01); **H05B 3/34** (2013.01); **H05B 2203/003** (2013.01); **H05B 2203/017** (2013.01); **H05B 2203/033** (2013.01); **H05B 2203/036** (2013.01)

Citation (applicant)

- CH 2008000041 W 20080204
- DE 202006002987 U1 20060504 - JUMBO TEXTILWERK ALFRED SCHNAK [DE]
- GB 1538444 A 19790117 - SKINNER & CO LTD E
- GB 457028 A 19361116 - EVERLASTIC LTD, et al

Citation (search report)

- [X] DE 202006002987 U1 20060504 - JUMBO TEXTILWERK ALFRED SCHNAK [DE]
- [X] GB 1538444 A 19790117 - SKINNER & CO LTD E
- [A] GB 457028 A 19361116 - EVERLASTIC LTD, et al
- [A] JP S61194235 A 19860828 - TORAY DU PONT KK

Cited by

JP2013542340A; CN114959980A; LV15840A; DE102019132028B3; CN105200623A; GB2578833B; US11632827B2; EP2441867A1; CN114729475A; WO2021104899A1; US10407804B2; WO2012056436A3; US2010105992A1; JP2022506035A; ITPI20100123A1; CN103228830A; JP2022506136A; WO2021048211A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

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