

Title (en)

AN ELECTRICALLY CONDUCTIVE TEXTILE ELEMENT AND METHOD OF PRODUCING SAME

Title (de)

ELEKTRISCH LEITFÄHIGES TEXTILELEMENT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

ÉLÉMENT TEXTILE ÉLECTRIQUEMENT CONDUCTEUR ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 3265605 A1 20180110 (EN)

Application

EP 16758509 A 20160216

Priority

- HK 15102150 A 20150303
- IB 2016000132 W 20160216

Abstract (en)

[origin: WO2016139521A1] An electrically conductive textile element and method of producing same. The method including the steps of: (i) modifying a surface of a textile element with a negatively-charged polyelectrolyte; and (ii) coating the modified surface of the textile element with metal particles.

IPC 8 full level

D06M 11/83 (2006.01); **D06M 14/00** (2006.01)

CPC (source: EP US)

C23C 18/1662 (2013.01 - US); **C23C 18/32** (2013.01 - US); **C23C 18/38** (2013.01 - US); **D06M 11/83** (2013.01 - EP US); **D06M 13/513** (2013.01 - EP US); **D06M 14/04** (2013.01 - EP US); **D06M 14/06** (2013.01 - EP US); **D06M 14/14** (2013.01 - EP US); **D06M 14/16** (2013.01 - EP US); **D06M 15/263** (2013.01 - EP US); **D06M 2101/06** (2013.01 - EP US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016139521 A1 20160909; CN 107614783 A 20180119; CN 107614783 B 20201117; EP 3265605 A1 20180110; EP 3265605 A4 20181024; EP 3265605 B1 20210602; ES 2884301 T3 20211210; HK 1220860 A2 20170512; HK 1248780 A1 20181019; HU E055483 T2 20211129; JP 2018512514 A 20180517; JP 6736573 B2 20200805; PL 3265605 T3 20220131; US 2018080171 A1 20180322; US 2020071877 A1 20200305

DOCDB simple family (application)

IB 2016000132 W 20160216; CN 201680013354 A 20160216; EP 16758509 A 20160216; ES 16758509 T 20160216; HK 16102377 A 20160301; HK 18108319 A 20180628; HU E16758509 A 20160216; JP 2017546736 A 20160216; PL 16758509 T 20160216; US 201615554695 A 20160216; US 201916593885 A 20191004