

Title (en)
TEXTILE MATERIALS CONTAINING DYED POLYPHENYLENE SULFIDE FIBERS AND METHODS FOR PRODUCING THE SAME

Title (de)
TEXTILMATERIALIEN MIT GEFÄRBTEN POLYPHENYLENSULFIDFASERN UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
MATÉRIAUX TEXTILES COMPORTANT DES FIBRES DE SULFURE DE POLYPHÉNYLÈNE COLORÉES ET PROCÉDÉS DE PRODUCTION DESDITS MATÉRIAUX TEXTILES

Publication
EP 3535442 A1 20190911 (EN)

Application
EP 17794139 A 20171017

Priority
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• US 2017056894 W 20171017

Abstract (en)
[origin: US2018127916A1] A textile material comprises a plurality of dyed polyphenylene sulfide fibers comprising a disperse dye that is distributed substantially evenly across the cross-sectional area of the fibers. A method for dyeing polyphenylene sulfide fibers comprises the steps of (a) providing a textile material comprising polyphenylene sulfide fiber, (b) providing a dye liquor comprising a liquid medium and a disperse dye, (c) applying the dye liquor to the textile material, (d) heating the textile material under ambient atmosphere to a temperature sufficient to evaporate substantially all of the liquid medium from the textile material, and (e) heating the textile material under ambient atmosphere to a temperature of about 180° C. or more to fix the disperse dye to the polyphenylene sulfide fibers.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2018085037A1

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