

Title (en)

COLOURED POLYOLEFIN FIBRES APPLICATION AND METHOD FOR PRODUCTION THEREOF

Title (de)

GEFÄRBTE POLYOLEFIN-FASERN, DEREN VERWENDUNG SOWIE VERFAHREN

Title (fr)

FIBRES DE POLYOLEFINE TEINTES, LEUR UTILISATION ET PROCEDE DE FABRICATION DESDITES FIBRES

Publication

EP 1825052 A1 20070829 (DE)

Application

EP 05817916 A 20051209

Priority

- EP 2005013253 W 20051209
- DE 102004060143 A 20041214

Abstract (en)

[origin: WO2006063741A1] Polyolefin fibres coloured with copper dyes are disclosed. The above are characterised by a light-fastness according to DIN EN ISO 105-B02 (at 50°C and 144 h illumination) of at least 5, a wash-fastness according to DIN EN ISO 105-C08C of at least 4 and a dry rubbing-fastness according to DIN EN ISO 105-X12 of at least 3. Such polyolefin fibres are particularly suitable for production of a textile. A particularly advantageous method for production of said polyolefin fibres or textiles is characterized in that said polyolefin fibres or textiles made from polyolefin fibres are subjected to an adequate duration of plasma treatment before the dyeing with copper dyes. Said polyolefin fibres coloured with copper dyes are characterised by particularly good light-, wash- and rubbing-fastness.

IPC 8 full level

B01J 19/08 (2006.01); **D06M 10/02** (2006.01); **D06P 1/22** (2006.01); **D06P 1/24** (2006.01); **D06P 3/79** (2006.01); **D06P 5/20** (2006.01)

CPC (source: EP)

D06M 10/025 (2013.01); **D06P 1/22** (2013.01); **D06P 1/24** (2013.01); **D06P 3/79** (2013.01); **D06P 3/793** (2013.01); **D06P 5/20** (2013.01); **D06P 5/2005** (2013.01)

Citation (search report)

See references of WO 2006063741A1

Cited by

DE102011110154A1; WO2013023985A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006063741 A1 20060622; DE 102004060143 A1 20060706; DE 502005007722 D1 20090827; EP 1825052 A1 20070829; EP 1825052 B1 20090715

DOCDB simple family (application)

EP 2005013253 W 20051209; DE 102004060143 A 20041214; DE 502005007722 T 20051209; EP 05817916 A 20051209