

Title (en)

POLYPARAPHENYLENE TEREPHTHALAMIDE FIBER AND METHOD FOR PRODUCING THE SAME

Title (de)

POLYPARAPHENYLENTEREPHTHALAMIDFASERN UND VERFAHREN ZUR HERSTELLUNG DERSELBEN

Title (fr)

FIBRES DE POLYPARAPHENYLENE TEREPHTHALAMIDE ET LEUR PROCEDE D'OBTENTION

Publication

EP 1101843 B2 20110525 (EN)

Application

EP 99917147 A 19990426

Priority

- JP 9902195 W 19990426
- JP 32001798 A 19981022

Abstract (en)

[origin: EP1101843A1] A dyeable polyparaphenylene terephthalamide fiber which has been wound once after spinnig and has not been dyed yet, characterized in that it has a tensile strength of 15 g/denier or more and a crystal size (110 direction) of 30 to 55 angstroms and has no history of a treatment drying to have a water content of 8% or less, and a method for producing the same. A polyparaphenylene terephthalamide fiber which can be dyed while its properties of high strength and high modulus elasticity are maintained, and textile products made of the fiber which are dyed in a variety of colors, can be provided.

IPC 8 full level

D01F 6/60 (2006.01)

CPC (source: EP)

D01F 6/605 (2013.01)

Cited by

EP2064376A4; US8377355B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1101843 A1 20010523; EP 1101843 A4 20050316; EP 1101843 B1 20080702; EP 1101843 B2 20110525; AT E399890 T1 20080715; AU 3536399 A 20001110; AU 763815 B2 20030731; BR 9911583 A 20010320; BR 9911583 B1 20081118; CA 2336245 A1 20001102; CA 2336245 C 20080401; CN 1205365 C 20050608; CN 1314959 A 20010926; WO 0065135 A1 20001102

DOCDB simple family (application)

EP 99917147 A 19990426; AT 99917147 T 19990426; AU 3536399 A 19990426; BR 9911583 A 19990426; CA 2336245 A 19990426; CN 99810113 A 19990426; JP 9902195 W 19990426