

Title (en)

Polyester fiber and fabric using the same

Title (de)

Polyesterfaser und daraus hergestellte Flächengebilde

Title (fr)

Fibre de polyester et textile préparé au moyen de cette fibre

Publication

EP 1489206 A2 20041222 (EN)

Application

EP 04022765 A 19980818

Priority

- EP 98937854 A 19980818
- JP 23549297 A 19970818
- JP 24530197 A 19970910

Abstract (en)

A polyester resin is disclosed that satisfies the following conditions (1) - (3): (1) the polyester resin comprising a copolyester obtained by copolymerizing terephthalic acid or dimethyl terephthalate, trimethylene glycol and at least one compound selected from the group consisting a glycol, an aliphatic or alicyclic dicarboxylic acid and a poly(alkylene glycol); (2) the resin has an intrinsic viscosity of 0.4 to 1.2 being measured at 35 DEG C with o-chlorophenol using an Ostwald's viscometer; and (3) the resin has a degree of yellow tinting as represented by a b value of -2 to 10.

IPC 1-7

C08G 63/183; D01F 6/84

IPC 8 full level

D01F 6/84 (2006.01)

CPC (source: EP KR)

D01F 6/84 (2013.01 - EP KR)

Cited by

US2012207955A1; US9334608B2; WO2009079499A1

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 1006220 A1 20000607; EP 1006220 A4 20011031; AT E354601 T1 20070315; DE 69837169 D1 20070405; DE 69837169 T2 20080103; EP 1489206 A2 20041222; EP 1489206 A3 20050105; EP 1489206 B1 20070221; ES 2278255 T3 20070801; JP 3226931 B2 20011112; KR 100359149 B1 20021101; KR 100359347 B1 20021031; KR 20010022988 A 20010326; KR 20020048993 A 20020624; WO 9909238 A1 19990225

DOCDB simple family (application)

EP 98937854 A 19980818; AT 04022765 T 19980818; DE 69837169 T 19980818; EP 04022765 A 19980818; ES 04022765 T 19980818; JP 51302799 A 19980818; JP 9803660 W 19980818; KR 20007001596 A 20000217; KR 20027005495 A 20020429