

Title (en)

POLYESTER FIBER HAVING EXCELLENT DEEP DYEABILITY AND PROCESS FOR PRODUCING THE SAME

Publication

**EP 0570227 A3 19940615 (EN)**

Application

**EP 93303718 A 19930513**

Priority

- JP 8860293 A 19930415
- JP 12196192 A 19920514

Abstract (en)

[origin: EP0570227A2] A polyester fiber having an excellent deep dyeability, comprising a polyester consisting essentially of recurring units of ethylene terephthalate, and incorporated therein, a polyoxyalkylene glycol derivative represented by the following general formula (I), pores defined by traces of removal of said polyoxyalkylene glycol derivative being present on the surface of said fiber: <CHEM> wherein Z represents a residue of at least one dihydroxy compound selected from the group consisting of an aliphatic diol having 5 to 10 carbon atoms, an alicyclic diol having 3 to 15 carbon atoms, a bisphenol compound and a dihydric phenol, A represents an alkylene group having 2 to 4 carbon atoms, X represents a residue of a monohydroxy compound and m is a positive integer.

IPC 1-7

**D01F 6/92**; **D01D 5/247**

IPC 8 full level

**D01F 6/92** (2006.01)

CPC (source: EP KR)

**D01F 6/62** (2013.01 - KR); **D01F 6/92** (2013.01 - EP)

Citation (search report)

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- [A] DATABASE WPI Section Ch Week 8741, Derwent World Patents Index; Class A, AN 87-287553

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0570227 A2 19931118**; **EP 0570227 A3 19940615**; KR 940005836 A 19940322; TW 223670 B 19940511

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**EP 93303718 A 19930513**; KR 930007978 A 19930510; TW 82103763 A 19930513