

Title (en)

Composition with absorption capacity for the treatment of polyester fibrous materials.

Title (de)

Ziehfähige Zusammensetzung für die Behandlung von polyesterhaltigen Fasermaterialien.

Title (fr)

Composition poisseuse pour le traitement de matériaux fibreux en polyester.

Publication

**EP 0342331 A2 19891123 (DE)**

Application

**EP 89104695 A 19890316**

Priority

DE 3809928 A 19880324

Abstract (en)

[origin: JPH01314783A] PURPOSE: To obtain the subject textile drawing aids that can render polyester- containing fiber materials the antistatic properties, smoothness and/or flexibility by using a mixture of a specific oxidized polyethylene and a specific quaternary ammonium phosphate. CONSTITUTION: (A) An oxidized polyethylene with an average molecular weight of 3,000-8,000, the acid value of 25-60, the saponification value of 40-80 and a density of 0.94-1.09 g/cm<sup>3</sup> and (B) a phosphate selected from quaternary ammonium phosphates of formula I [R<1> is a straight or branched chain 6-22C alkyl, formula II; R<2> and R<3> are each (AO)1-5 -H, methyl or the like or R<2> and R<3> are incorporated to form formula III; R<4> is a straight or branched chain 5-21C alkyl; R is same as cited above, a 6-22C alkyl; A is a 2-4C alkylene; P is 2 or 3; n is 1 or 2; m is 2 or 1] and quaternary ammonium phosphate of formula IV (R<5> is a straight or branched chain 5-21C alkyl; R<6> is OH or the like; R is same as cited above, a 6-22C alkyl; A, m, and n are each same as cited above) are emulsified in water and the emulsion is applied to polyester fiber products.

Abstract (de)

Mischungen, die anoxidierte Polyethylene und ausgewählte quartäre Ammoniumphosphate enthalten, werden als ziehfähige Textilhilfsmittel zum Antistatisch-, Glatt und/oder Weichmachen polyesterhaltiger Fasermaterialien verwendet.

IPC 1-7

**D06M 13/26; D06M 13/46; D06M 15/227; D06M 15/507**

IPC 8 full level

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CPC (source: EP US)

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**EP 0342331 A2 19891123; EP 0342331 A3 19911121; EP 0342331 B1 19931013**; AT E95855 T1 19931015; AU 3170289 A 19890928; AU 614045 B2 19910815; BR 8901358 A 19891107; DE 3809928 A1 19891005; DE 58905875 D1 19931118; ES 2059597 T3 19941116; JP H01314783 A 19891219; US 4975091 A 19901204

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