

Title (en)

Surface-modified wholly aromatic polyamide fiber and method of producing same.

Title (de)

Oberflächenmodifizierte, vollaromatische Polyamidfaser und Verfahren zu ihrer Herstellung.

Title (fr)

Fibre en polyamide entièrement aromatique modifiée en surface et procédé pour sa production.

Publication

**EP 0332919 A2 19890920 (EN)**

Application

**EP 89103472 A 19890228**

Priority

- JP 4756188 A 19880302
- JP 5494688 A 19880310

Abstract (en)

A surface-modified wholly aromatic polyamide fiber having an enhanced bonding property, surface tenacity and durability and a reduced friction, comprises a fiber matrix of a wholly aromatic polyamide material, fine particles of a cation-exchanging inorganic material distributed on and in a surface portion of the matrix and an additive comprising a cationic organic compound or a multi-functional organic silicone compounds, and attached to the fine organic particles.

IPC 1-7

**C08J 5/0**; **D06M 11/06**; **D06M 11/79**; **D06M 13/38**; **D06M 13/50**; **D06M 15/564**

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CPC (source: EP)

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Cited by

US5552221A; US2010196697A1; US5275625A; US5443896A; US8575045B1; US11279794B2; WO9716596A1; WO9325748A1; WO0214409A1

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