Title (en)

METHOD OF PERMANENTLY SIZING POLYESTER YARNS AND FABRICS WOVEN THEREWITH

Publication

EP 0057985 A3 19831116 (EN)

Application

EP 82300249 A 19820119

Priority

US 23210381 A 19810206

Abstract (en)

[origin: EP0057985A2] In a method for permanently sizing a polyester or polyester-blend yarn wherein an aqueous sizing composition is applied to the yarn and subsequently cured, the sizing composition comprises an aqueous polymer latex of an emulsion polymer combrising 45 to 65% by weight of one or more polymerised (C4 - C8 alkyl)acrylates, 28 to 52% by weight of one or more vinyl polymerised aromatic compounds or a mixture thereof with up to an equal weight of polymerised methyl methacrylate, and 3 to 14 % by weight of one or more of polymerised acrylic, methacrylic or itaconic acid and containing 2 to 40% by weight of a melamine aminoplast resin, based on the weight of the polymer. By incorporating a pigment in the sizing composition colour fast pigmented sized yarns and fabrics can be produced.

IPC 1-7

D06M 15/38; D06M 15/54

IPC 8 full level

D06M 15/423 (2006.01); **D06M 13/02** (2006.01); **D06M 13/03** (2006.01); **D06M 13/184** (2006.01); **D06M 13/203** (2006.01); **D06M 15/233** (2006.01); **D06M 15/263** (2006.01); **D06P 3/82** (2006.01); D06M 101/00 (2006.01); D06M 101/16 (2006.01); D06M 101/30 (2006.01); D06M 101/32 (2006.01)

CPC (source: EP KR)

D06B 3/04 (2013.01 - KR); **D06M 15/233** (2013.01 - EP); **D06M 15/263** (2013.01 - EP)

Citation (search report)

- [A] FR 1451702 A 19660107 - GEIGY AG J R
- [X] US 3349054 A 19671024 - LEITNER GEORGE J, et al

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EP0208426A3; US4756714A; WO2019106453A1; KR100300470B1

Designated contracting state (EPC)

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EP 82300249 A 19820119; AU 7998882 A 19820129; BR 8200507 A 19820129; CA 394833 A 19820125; FI 820359 A 19820204; IE 10882 A 19820120; JP 1738882 A 19820205; KR 820000515 A 19820206; PH 26810 A 19820201; ZA 82499 A 19820126