

Title (en)

HOT MELT SIZE AND ITS USE IN SIZING TEXTILE YARNS

Publication

**EP 0044604 A3 19821110 (EN)**

Application

**EP 81301977 A 19810505**

Priority

- US 14733580 A 19800506
- US 25731581 A 19810417

Abstract (en)

[origin: EP0044604A2] Non-aqueous, water-soluble, quick setting sizing compositions suitable for application as a melt to textile yarns, and for later removal by solvent or aqueous means, characterized by substantial amounts of hydrogenated tallow-type triglyceride wax, are disclosed. The compositions include preferably a 50:50 weight mixture of a specific class of 80/20 ethylene/ acrylic acid copolymers intimately blended with an equal amount of the wax. A fatty acid amide may be included in an amount up to about 7 weight percent of the composition or from 1 to 9 weight percent sebacic acid or dodecanedioic acid, and the amount of copolymer reduced accordingly. The compositions may contain up to 62 weight percent of the wax, and rigidity at ambient temperatures.

IPC 1-7

**D06M 15/38**; **C10M 1/08**; **D06M 13/16**

IPC 8 full level

**D06M 13/224** (2006.01); **D06M 15/263** (2006.01)

CPC (source: EP)

**D06M 13/224** (2013.01); **D06M 15/263** (2013.01)

Citation (search report)

- [APD] US 4253840 A 19810303 - ILLMAN WALTER F, et al
- [AD] US 3466717 A 19690916 - KURODA SUSUMU
- [A] FR 1360634 A 19640508 - UNION CARBIDE CORP

Designated contracting state (EPC)

DE FR GB IT

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