Title (en)
METHOD FOR CONTINUOUSLY SIZING AND STRETCHING SYNTHETIC FILAMENTS

Publication
EP 0301266 B1 19911016 (DE)

Application
EP 88110525 A 19880701

Priority
DE 3724751 A 19870725

Abstract (en)
[origin: JPS6433233A] PURPOSE: To obtain warps that give woven fabrics having excellent homogeneity and physical properties by sizing incompletely drawn multifilament yarns, drawing them simultaneously as they are preliminarily dried, then fully drying them and winding up them on the warp beam. CONSTITUTION: Multifilament yarns made of a synthetic thermoplastic resin are sized by allowing the yarns to pass from the feed roller 1 via the sizing areas 2-6, then the preliminary driers 7, 8 to effect the preliminary drying of the sizing agent and drawing simultaneously. Then, the yarns are dried in the drier 9 and wound up around the warp beam 11. In a preferred embodiment, the drawing is carried out by the difference in the peripheral velocity between the final rollers 5, 6 in the sizing zone and the drying cylinder 10 in the drying zone.

IPC 1-7
D06B 23/06

IPC 8 full level
D02H 5/02 (2006.01); D02J 1/22 (2006.01); D06B 3/18 (2006.01); D06B 23/06 (2006.01)

CPC (source: EP US)
D06B 23/06 (2013.01 - EP US)

Cited by
DE4016045A1; EP0458089A1; US5157818A

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0301266 A1 19890201; EP 0301266 B1 19911016; AT E68536 T1 19911115; DE 3724751 A1 19890209; DE 3865574 D1 19911121; DK 166918 B1 19930802; DK 411588 A 19890126; DK 411588 D0 19880722; ES 2026605 T3 19920501; FI 883488 A0 19880722; FI 883488 A 19890126; JP S6433233 A 19890203; NO 883284 D0 19880722; NO 883284 L 19890126; PT 88082 A 19890630; US 4858287 A 19890822

DOCDB simple family (application)
EP 88110525 A 19880701; AT 88110525 T 19880701; DE 3724751 A 19870725; DE 3865574 T 19880701; DK 411588 A 19880722; ES 88110525 T 19880701; FI 883488 A 19880722; JP 14066288 A 19880609; NO 883284 A 19880722; PT 8808288 A 19880722; US 19752788 A 19880523