Title (en)

Elastic-yarn package and method of operating a take-up winder for elastic yarn

Title (de)

Elastisches-Garn Wickel und Verfahren zum Betrieb einer Aufwickelmaschine für elastische Garne

Title (fr)

Paquet de fil textile élastique et proçédé de fonctionnement d'un bobinoir pour fils textiles élastiques

Publication

EP 1129976 B1 20060607 (EN)

Application

EP 01104197 A 20010221

Priority

JP 2000055717 A 20000301

Abstract (en)

[origin: EP1129976A2] In a take-up winder for elastic yarn, a yarn moved to a bobbin end due to a yarn transferring operation forms a bunch winding at the bobbin end of a full package. The number of windings in the bunch winding, however, may be insufficient. Additionally, the mere formation of the bunch winding makes it difficult to pick up a yarn end from the package during a subsequent step. An end of an elastic yarn Y wound into a yarn layer P of a package falls from the yarn layer P onto a position of a bobbin Bf which is separate from a yarn layer-formed position, and the yarn end is wound around the bobbin Bf three or more times to form an elastic-yarn package. Additionally, the end of the elastic yarn Y wound into the yarn layer P of the package falls from the yarn layer onto the position of the bobbin which is separate from the yarn layer-formed position, and the yarn end is then wound on the bobbin once or more and adheres to an end surface Pa of the yarn layer, thereby forming an elastic-yarn package. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

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DE

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EP 1129976 A2 20010905; **EP 1129976 A3 20021113**; **EP 1129976 B1 20060607**; DE 60120253 D1 20060720; DE 60120253 T2 20070426; JP 2001240309 A 20010904; JP 4085548 B2 20080514

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