Title (en)

Yarn-processing system

Title (de)

Fadenverarbeitendes System

Title (fr)

Système de traitement pour fils textiles

Publication

EP 1411015 A3 20041222 (EN)

Application

EP 03022869 A 20031008

Priority

- JP 2002300327 A 20021015
- JP 2002317327 A 20021031
- JP 2002339566 A 20021122
- JP 2002325247 A 20021108

Abstract (en)

[origin: EP1411015A2] To provide a take-up device which joins a plurality of yarns of different types having different colors or the like with respectively desired lengths while successively selecting these in accordance with a preliminarily designed pattern, and exerts superior functions from the viewpoint of availability factor when the yarn is wound into a package. <??>With respect to a single take-up package P placed in a take-up unit 15, a yarn-joining take-up device for different types of yarns is provided with a yarn-supplying unit 11 having supply yarns of a plurality of types, a yarn-joining unit 13 placed between the yarn-supplying unit and the take-up unit and a yarn-type selection unit 12 placed between the yarn-supplying unit and the yarn-joining unit, a yarn-joining device 19 is installed in the yarn-joining unit, and a yarn-type selection device 18 that selects the succeeding yarn on the yarn-supplying side to be joined to the leading yarn on the take-up package side is installed in the yarn-type selection unit; thus, the leading yarn, which is being connected to the yarn-type selection device, is guided to the yarn-joining device by the yarn-joining device and the yarn-type selection device, and the succeeding yarn is guided to the yarn-joining device by a succeeding-yarn guiding means to be yarn-joined therein.

IPC 1-7

B65H 69/00; B65H 61/00; B65H 51/22; D02H 3/00; D04B 15/66; D04B 15/38; D04B 35/22

IPC 8 full level

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CPC (source: EP)

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