

Title (en)

Device for feeding various types of pirns to an automatic coner machine.

Title (de)

Vorrichtung für die Zufuhr verschiedener Arten von Garnspulen zu einer automatischen Kreuzspulenmaschine.

Title (fr)

Dispositif de transport pour fuseaux de types différents vers un bobinoir à fil croisé automatique.

Publication

**EP 0270176 A1 19880608 (EN)**

Application

**EP 87202323 A 19871125**

Priority

IT 2252186 A 19861201

Abstract (en)

Process and device for conveying and feeding different types of pirns to an automatic coner machine equipped with a plurality of winding units closely approached side-by-side to each other. More particularly, the present invention relates to a device for the closed-loop continuous conveyance, equipped with discriminator means suitable for simultaneously feeding different types of pirns along the whole winding front. This latter results to be subdivided into a plurality of sectors prearranged for taking up threads different in count, colour or composition. Said device comprises a plurality of conveyor trays driven by a belt, or by a similar element, onto which they are fastened. Each tray, which is given a suitable shape for housing spinning pirns of various sizes, is equipped with a mechanical detector of striker-element type which indicates, with its position, the type of thread wound on the transported pirn.

IPC 1-7

**B65H 54/26**

IPC 8 full level

**B65H 67/06** (2006.01)

CPC (source: EP)

**B65H 67/06** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- US 3774859 A 19731127 - BROUWER C, et al
- DE 2833273 B2 19800306
- DE 2341273 A1 19740321 - NIPPON SPINDLE MFG CO LTD

Cited by

CN114229615A

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CH DE ES FR GB GR LI

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**EP 0270176 A1 19880608**; **EP 0270176 B1 19910508**; DE 3769936 D1 19910613; ES 2023186 B3 19920101; GR 3002003 T3 19921230; IT 1198215 B 19881221; IT 8622521 A0 19861201

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