

Title (en)

Cop feeding apparatus for automatic winder.

Title (de)

Vorrichtung zum Zuführen von Spulen für Spulautomat.

Title (fr)

Dispositif d'alimentation en bobines pour bobinoir automatique.

Publication

EP 0504444 A1 19920923 (EN)

Application

EP 91104186 A 19910318

Priority

EP 91104186 A 19910318

Abstract (en)

The present invention relates to a cop feeding apparatus for an automatic winder for feeding cops which are carried on trays and conveyed along a conveyance rail (4) automatically to empty spindle portions of cop magazines (3) in the automatic winder while moving along the conveying rail. In this cop feeding apparatus, a cop is pulled out from a tray by means of a cop draw-out device; a yarn end of the cop is held by a yarn end draw-out device; the cop is then fed to an empty spindle portion of the magazine through a storage device and a retaining/introducing device; a yarn end of the cop is delivered securely to the magazine side by a yarn end guide device; and thus each cop and a yarn end thereof can be fed to an empty magazine spindle portion smoothly without entanglement of cops with each other. <IMAGE>

IPC 1-7

B65H 67/06

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)

- [A] DE 3532002 A1 19870619 - MAIER EUGEN METALLVERARBEITUNG [DE]
- [A] DE 3532915 A1 19870402 - SCHLAFHORST & CO W [DE]

Designated contracting state (EPC)

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