

Title (en)

Improved winding machine with an in-line package preparer, and an improved spinning-winding method.

Title (de)

Verbesserte Wickelmaschine mit einem Inline-Spulenvorbereiter und eine verbesserte Spinn-Wickel-Methode.

Title (fr)

Bobinoir amélioré avec préparateur de bobines en ligne et méthode améliorée pour filer et embobiner.

Publication

EP 0463695 A1 19920102 (EN)

Application

EP 91201570 A 19910620

Priority

IT 2081290 A 19900629

Abstract (en)

package prearranging device (12) in line with a package carrier (13) which feeds the winding machine and consists of a plurality of pockets (72) kept always filled with prearranged and checked packages (3), and moved continuously along the face of the winding stations to act as a buffer store for the feed packages. <IMAGE>

IPC 1-7

B65H 67/06; D01H 9/18

IPC 8 full level

D01H 9/18 (2006.01)

CPC (source: EP)

D01H 9/18 (2013.01)

Citation (search report)

- [YD] US 4571931 A 19860225 - KUEPPER WILHELM [DE]
- [Y] US 3474975 A 19691028 - BROUWER CHARLES W, et al
- [Y] DE 3742348 A1 19880623 - MURATA MACHINERY LTD [JP]
- [AD] US 4432198 A 19840221 - D AGNOLO ARMANDO [IT]

Cited by

CN107381232A

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 0463695 A1 19920102; EP 0463695 B1 19960403; DE 69118452 D1 19960509; DE 69118452 T2 19960926; IT 1249026 B 19950211; IT 9020812 A0 19900629; IT 9020812 A1 19911229

DOCDB simple family (application)

EP 91201570 A 19910620; DE 69118452 T 19910620; IT 2081290 A 19900629