

Title (en)  
Folding turret and handling device

Title (de)  
Faltrevolver und Handhabungsvorrichtung

Title (fr)  
Révolver de pliage et dispositif de maniement

Publication  
**EP 1574434 A3 20051012 (DE)**

Application  
**EP 05002564 A 20050208**

Priority  
DE 102004012645 A 20040312

Abstract (en)  
[origin: EP1574434A2] The folding revolver for a cigarette wrapping machine has several folding and conveying units (301 - 383) for blocks of cigarettes (15) and packets (75). These are arranged radially one behind another. Independent claims are included for: (A) a packing machine containing at least one revolver as described; (B) a manipulating system for a bobbin for use in a machine for use in the tobacco industry; (C) a method for operating a machine for use in the tobacco industry; and (D) a method for manipulating a bobbin in a machine for use in the tobacco industry.

IPC 1-7  
**B65B 11/28; B65B 19/22; B65H 75/02**

IPC 8 full level  
**B65B 11/28** (2006.01); **B65B 19/22** (2006.01); **B65B 41/12** (2006.01); **B65H 19/12** (2006.01); **B65H 75/02** (2006.01)

CPC (source: EP)  
**B65B 19/225** (2013.01); **B65H 19/123** (2013.01); **B65H 2301/4173** (2013.01)

Citation (search report)

- [XA] WO 0044621 A2 20000803 - MOLINS PLC [GB], et al
- [X] GB 768525 A 19570220 - S I B S P A SCIPIO INNOCENTI
- [A] EP 0416440 A1 19910313 - SCHERMUND MASCHF ALFRED [DE]
- [XA] DE 3813162 A1 19891102 - BREGA VERPACKUNGSMASCHINEN ANW [DE]
- [A] DE 2617878 A1 19771103 - EDELMANN MASCHF
- [A] EP 0524828 A1 19930127 - ISHIDA SCALE MFG CO LTD [JP]
- [A] EP 0943568 A1 19990922 - GD SPA [IT]
- [A] DE 4206330 A1 19930902 - SCHULE GMBH F H [DE]

Cited by  
US2012291398A1; US9272800B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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