

Title (en)

Coiling device for removing cut binding material

Title (de)

Wickelvorrichtung zur Entfernung von aufgeschnittenem Bindematerial

Title (fr)

Dispositif d'enroulement pour enlever des matériaux de cerclage coupés

Publication

**EP 1640273 B1 20070606 (DE)**

Application

**EP 05015940 A 20050722**

Priority

DE 102004046117 A 20040923

Abstract (en)

[origin: EP1640273A1] In a winding device for removing cut binding material (1) (especially metal bands) from bales, comprising guide(s) for the material, a receiver (2) with a winding surface (4) and a receiving slit (3) for gripping the material (the receiver being rotatable relative to the guides) and a device for axially moving the wound product from the receiver, the winding surface has a polygonal (preferably square) cross-section, the receiver is enclosed by two spaced press parts (5, 6) movable inwards towards the receiver and the inner surface (7) of the press parts is geometrically similar or identical to part of the winding surface.

IPC 8 full level

**B65B 69/00** (2006.01); **B21C 47/04** (2006.01); **B21C 47/24** (2006.01); **B21C 47/26** (2006.01); **B21C 47/28** (2006.01); **B21C 47/32** (2006.01); **B65H 18/10** (2006.01)

IPC 8 main group level

**B65B** (2006.01)

CPC (source: EP KR)

**B21C 47/04** (2013.01 - EP KR); **B21C 47/24** (2013.01 - EP KR); **B21C 47/26** (2013.01 - EP); **B21C 47/267** (2013.01 - EP KR); **B21C 47/28** (2013.01 - EP KR); **B21C 47/323** (2013.01 - EP KR); **B65B 69/0025** (2013.01 - EP KR); **B65H 18/10** (2013.01 - EP KR); **B65H 2301/41429** (2013.01 - EP KR); **B65H 2301/414326** (2013.01 - EP KR); **B65H 2701/1846** (2013.01 - EP KR); **B65H 2701/18483** (2013.01 - EP KR); **B65H 2701/18486** (2013.01 - EP KR); **B65H 2701/375** (2013.01 - EP KR)

Cited by

CN106276363A; CN108516421A; WO2022054092A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

MK YU

DOCDB simple family (publication)

**EP 1640273 A1 20060329**; **EP 1640273 B1 20070606**; AT E364013 T1 20070615; AU 2005203629 A1 20060406; AU 2005203629 B2 20091001; CN 100532207 C 20090826; CN 1751968 A 20060329; DE 102004046117 A1 20060406; DE 502005000813 D1 20070719; ES 2287841 T3 20071216; KR 101205283 B1 20121127; KR 20060050981 A 20060519; NO 20054266 D0 20050915; NO 20054266 L 20060324; NO 331386 B1 20111212; RU 2005129653 A 20070410; RU 2376221 C2 20091220

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