

Title (en)

Storing and guide device for articles in ferromagnetic material and apparatus for removal of a protective film from packets of articles

Title (de)

Speicher- und Führungsvorrichtung für Artikel in ferromagnetischem Material und Vorrichtung zum Entfernen einer Schutzfolie von Paketen mit Artikeln

Title (fr)

Dispositif de stockage et de guide pour articles en matériau ferromagnétique et appareil pour l'élimination d'un film de protection de paquets d'articles

Publication

EP 2221251 A1 20100825 (EN)

Application

EP 10154262 A 20100222

Priority

IT MI20090254 A 20090224

Abstract (en)

The storing and guide device (35) for flat or shaped articles (C) in ferromagnetic material, supplied in a packed condition by an apparatus for removal of a protective film from packets (P) of articles, comprises a guide channel (36) for the articles (C) having at least a first magnetic braking section (40) for the articles (C) at an inlet end (37), and a second sloped storing and guide section (41) in which the articles (C) are made to move forward in a spaced apart condition towards an outlet (38) of the guide channel (36); the sloped storing and guide section (41) has at least a first upper magnetic support bar (36A) for supporting the articles (C) in a vertical position, and at least a second and a third magnetic bars (36B, 36C), on opposite sides, for stabilization of the position of the articles (C). The device (35) also comprises vibration generating means (44) for generating vibration of the second sloped guide section (41), to move forward the articles (C) by gravity towards the outlet (38).

IPC 8 full level

B65B 7/28 (2006.01); **B65B 69/00** (2006.01); **B65G 47/26** (2006.01)

CPC (source: EP)

B65B 7/2807 (2013.01); **B65B 69/0066** (2013.01)

Citation (applicant)

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- US 4623057 A 19861118 - LANGENBERG JOSEF [DE]
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- [Y] DE 19961650 A1 20010705 - NSM MAGNETTECH GMBH & CO KG [DE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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