

Title (en)

METHOD AND LINEAR DEVICE FOR HANDLING ARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HANDHABEN VON GEGENSTÄNDEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LA MANIPULATION D'OBJETS

Publication

**EP 2729374 B1 20150819 (DE)**

Application

**EP 12725631 A 20120605**

Priority

- DE 102011107290 A 20110706
- EP 2012002366 W 20120605

Abstract (en)

[origin: CA2840915A1] The invention relates to a method for handling (flat) articles (10), in particular hygiene products, such as nappies, sanitary towels or similar articles, wherein the articles (10) are fed in on a first feed conveyor (11) and are discharged as a compressed group (12) of articles (10) on a removal conveyor (14). The invention is characterised in that the feed conveyor (11) and the removal conveyor (14) are continuously driven and a group (13) of articles (10) is transferred from the continuously driven feed conveyor (11) to a continuously driven compressing device (16), in which the group (13) of articles (10) is compressed, and in that the compressed group (13) of articles (10) is transferred from the compressing device (16) onto the continuously driven removal conveyor (14).

IPC 8 full level

**B65B 35/44** (2006.01); **B65B 59/00** (2006.01); **B65B 63/02** (2006.01)

CPC (source: EP KR RU US)

**B65B 13/20** (2013.01 - KR US); **B65B 35/44** (2013.01 - EP KR RU US); **B65B 59/005** (2013.01 - EP KR US); **B65B 63/02** (2013.01 - US); **B65B 63/022** (2013.01 - KR RU); **B65B 63/026** (2013.01 - EP KR US); **B65B 25/14** (2013.01 - EP KR); **B65B 59/001** (2019.04 - EP US)

Cited by

DE102020001752A1; WO2021185633A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102011107290 A1 20130110**; BR 112014000127 A2 20170214; CA 2840915 A1 20130110; CN 103748014 A 20140423; CN 103748014 B 20160420; EP 2729374 A1 20140514; EP 2729374 B1 20150819; IN 786CHN2014 A 20150403; KR 20140064773 A 20140528; MX 2014000014 A 20140709; MX 337956 B 20160329; RU 2014103965 A 20150820; RU 2601865 C2 20161110; US 10450095 B2 20191022; US 2014137515 A1 20140522; WO 2013004325 A1 20130110; ZA 201400805 B 20141029

DOCDB simple family (application)

**DE 102011107290 A 20110706**; BR 112014000127 A 20120605; CA 2840915 A 20120605; CN 201280040619 A 20120605; EP 12725631 A 20120605; EP 2012002366 W 20120605; IN 786CHN2014 A 20140130; KR 20147003138 A 20120605; MX 2014000014 A 20120605; RU 2014103965 A 20120605; US 201214130554 A 20120605; ZA 201400805 A 20140203