

Title (en)

Diverter station for cardboard blanks and method for producing and diverting cardboard blanks

Title (de)

Ausschleusstation für Kartonzuschnitte und Verfahren zum Herstellen und Ausschleusen von Kartonzuschnitten

Title (fr)

Station de déviation pour sections de carton et procédé de fabrication et déviation de sections de carton

Publication

**EP 2316766 A3 20120418 (DE)**

Application

**EP 10187659 A 20101015**

Priority

DE 102009046349 A 20091103

Abstract (en)

[origin: EP2316766A2] The reject station (10) has an upper transport belt (2) and a lower transport belt (3) between which the cardboard cuts (1) are transported. An upper discharge conveyor and a lower discharge conveyor are provided which rest in direction of an extraction drift behind the transport belts. A unit is provided for detecting faulty cardboard cuts. The upper transport belt has an upper deflection (9) by which the upper transport belt is adjustable as a flap belt in direction of the rejection line (7). Independent claims are also included for the following: (1) a device for manufacturing or processing of cardboard cuts, particularly for packaging cartons; and (2) a method for rejecting faulty cardboard cuts within a processing or manufacturing process, particularly for manufacturing of packaging cartons.

IPC 8 full level

**B65H 29/62** (2006.01)

CPC (source: EP)

**B65H 29/62** (2013.01); **B65H 2404/2613** (2013.01); **B65H 2511/11** (2013.01); **B65H 2701/1764** (2013.01)

Citation (search report)

- [I] DE 10232215 A1 20040205 - SIEMENS AG [DE]
- [A] JP S58172153 A 19831008 - NIPPON ELECTRIC CO
- [A] DE 1113358 B 19610831 - JAGENBERG WERKE AG
- [A] DE 102008010987 A1 20090827 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

CN112093515A; EP3047829A4; CN109843766A; EP3549879A1; US9868607B2; US9724246B2; US11286130B2; WO2014146757A1; WO2018072886A1; TWI651251B; EP3549879B1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2316766 A2 20110504; EP 2316766 A3 20120418; EP 2316766 B1 20130130; EP 2316766 B9 20130522;** DE 102009046349 A1 20110512

DOCDB simple family (application)

**EP 10187659 A 20101015;** DE 102009046349 A 20091103