

Title (en)

SYSTEM FOR SEPARATING A LOWER PLASTIC CARD FROM A STACK OF PLASTIC CARDS

Title (de)

SYSTEM ZUM TRENNEN EINER UNTEREN KUNSTSTOFFKARTE AUS EINEM STAPEL VON KUNSTSTOFFKARTEN

Title (fr)

SYSTÈME DE SÉPARATION D'UNE CARTE PLASTIQUE INFÉRIEURE D'UNE PILE DE CARTES PLASTIQUES

Publication

EP 2945896 A1 20151125 (FR)

Application

EP 13814971 A 20131223

Priority

- FR 1350330 A 20130115
- EP 2013077919 W 20131223

Abstract (en)

[origin: WO2014111234A1] The invention relates to a system (150) for separating a lower plastic card (C0), comprising: a loading wheel (152), on which a first end (C1) of the lower plastic card (C0) lies, and which has a notch (304) extending parallel to the axis of said loading wheel (152); a mobile assembly (154) arranged above the loading wheel (152) and including a base (158) and a freely rotatable loading roller (159), the base (158) being vertically mobile between a contact position and a retracted position; and a return means (156) urging the mobile assembly (154) into the contact position, the base (158) having an upstream wall (320) which is upstream from the loading roller (159), and having a lower end located, in the contact position, spaced apart from the loading wheel (152) by a distance that is shorter than the thickness of the lower plastic card (C0), while the notch (304) has an opening and a depth sufficient for enabling the first end (C1) of the lower plastic card (C0) to be inserted into the notch (304) such that the first end (C1) thereof passes under the lower end of the upstream wall (302).

IPC 8 full level

B65H 3/06 (2006.01); **B65H 1/06** (2006.01); **B65H 3/56** (2006.01)

CPC (source: EP US)

B65H 1/06 (2013.01 - EP US); **B65H 3/063** (2013.01 - EP US); **B65H 3/0638** (2013.01 - EP US); **B65H 3/56** (2013.01 - EP US); **B65H 2404/1119** (2013.01 - EP US); **B65H 2701/1914** (2013.01 - EP US)

Citation (search report)

See references of WO 2014111234A1

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)

FR 3000952 A1 20140718; **FR 3000952 B1 20150306**; EP 2945896 A1 20151125; EP 2945896 B1 20170308; US 2015353305 A1 20151210; WO 2014111234 A1 20140724

DOCDB simple family (application)

FR 1350330 A 20130115; EP 13814971 A 20131223; EP 2013077919 W 20131223; US 201314760807 A 20131223