

Title (en)

DEVICE FOR HANDLING SINGLE SHEETS, FOR INTRODUCING RECTANGULAR INDIVIDUAL SHEETS INTO A CONTAINER

Title (de)

EINZELBLATTHANDHABUNGSVORRICHTUNG ZUR EINGABE VON RECHTECKIGEN EINZELBLÄTTERN IN EINEN BEHÄLTER

Title (fr)

DISPOSITIF DE MANIPULATION DE FEUILLES INDIVIDUELLES POUR INTRODUIRE DES FEUILLES INDIVIDUELLES RECTANGULAIRES DANS UN CONTENANT

Publication

EP 2274219 A1 20110119 (DE)

Application

EP 09732188 A 20090415

Priority

- EP 2009054447 W 20090415
- DE 102008018961 A 20080415

Abstract (en)

[origin: WO2009127649A1] The invention relates to a device (20) for handling single sheets, for introducing and/or distributing at least one individual sheet (38) respectively into and out of a container (20). The device (30) for handling single sheets comprises an impeller (54) provided with at least one vane (58, 59). Some of the single sheets (38) arranged in a pile (36) in the container (20) are pressed into the container when the vane (58, 59) comes into contact with the front side of the pile (36), or the vane holds the single sheets in a position in the container (20). The vane (58, 59) has an inner rigid first region (72, 74) and a flexible second region (76, 78) which projects outwards over the first region (72, 74).

IPC 8 full level

B65H 29/40 (2006.01); **B65H 31/26** (2006.01)

CPC (source: EP US)

B65H 29/40 (2013.01 - EP US); **B65H 31/26** (2013.01 - EP US); **B65H 83/025** (2013.01 - EP US); **B65H 2404/652** (2013.01 - EP US);
B65H 2701/1912 (2013.01 - EP US)

Citation (search report)

See references of WO 2009127649A1

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009127649 A1 20091022; CN 102007058 A 20110406; CN 102007058 B 20160608; DE 102008018961 A1 20091029;
EP 2274219 A1 20110119; EP 2274219 B1 20120919; US 2011042889 A1 20110224; US 8276902 B2 20121002

DOCDB simple family (application)

EP 2009054447 W 20090415; CN 200980113405 A 20090415; DE 102008018961 A 20080415; EP 09732188 A 20090415;
US 93611709 A 20090415