

Title (en)

MEDIUM STACKER AND MEDIUM SUPPLY DEVICE

Title (de)

MEDIENSTAPLER UND MEDIENZUFUHRVORRICHTUNG

Title (fr)

EMPILEUSE D'ÉLÉMENTS DE SUPPORT ET DISPOSITIF D'ALIMENTATION D'ÉLÉMENTS DE SUPPORT

Publication

EP 2974986 A1 20160120 (EN)

Application

EP 13877702 A 20131225

Priority

- JP 2013051173 A 20130314
- JP 2013084665 W 20131225

Abstract (en)

Provided is a medium stacker that can reliably feed out a housed card-shaped medium even if the coefficient of friction between the plurality of sheets of card-shaped medium housed in a stacked state is high. In the medium stacker (4), which houses a plurality of sheets of card-shaped medium (2) in a stacked manner, a medium feed-out opening (4j) that feeds out the bottom-most card-shaped medium (2) among the plurality of sheets of card-shaped medium (2) housed in the medium stacker (4) is formed at the bottom end of the medium stacker (4). When the feed-out direction side of the card-shaped medium (2) fed out from the medium feed-out opening (4j) is the front side and the reverse side in the feed-out direction of the card-shaped medium (2) is the back side, the medium stacker (4) is provided with: a front-side plate (4b) that configures the front-side surface of the medium stacker (4); and a back-side plate (4c) that configures the back-side surface of the medium stacker (4). At least the top edge side of the back-side plate (4c) is an inclined section (4m) that is inclined to the back side towards the top side, and the card-shaped medium (2), which is in the state of being housed in the medium stacker (4), contacts the inclined section (4m).

IPC 8 full level

B65H 1/06 (2006.01)

CPC (source: EP US)

B65H 1/06 (2013.01 - EP US); **B65H 3/063** (2013.01 - EP US); **B65H 5/068** (2013.01 - US); **B65H 7/20** (2013.01 - US); **B65H 2405/112** (2013.01 - EP US); **B65H 2405/1136** (2013.01 - EP US); **B65H 2701/1914** (2013.01 - EP US)

Citation (search report)

See references of WO 2014141564A1

Cited by

GB2552585B; US11161638B2; EP3239080B1

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 2974986 A1 20160120; CN 105008255 A 20151028; JP 2014177316 A 20140925; US 2016031661 A1 20160204; WO 2014141564 A1 20140918

DOCDB simple family (application)

EP 13877702 A 20131225; CN 201380074300 A 20131225; JP 2013051173 A 20130314; JP 2013084665 W 20131225; US 201314776089 A 20131225