

Title (en)

STACKING DEVICE, STACK HOLDER AND SORTING SYSTEM FOR SORTING FLAT OBJECTS

Title (de)

STAPELVORRICHTUNG, STAPELAUFNAHME UND SORTIERANLAGE ZUM SORTIEREN VON FLACHEN GEGENSTÄNDEN

Title (fr)

DISPOSITIF D'EMPLIAGE, SYSTÈME DE RÉCEPTION DE PILE ET INSTALLATION DE TRI POUR TRIER DES OBJETS PLATS

Publication

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Application

EP 15745441 A 20150728

Priority

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Abstract (en)

[origin: WO2016026657A2] The invention relates to a stacking device for flat objects standing upright, in which the objects are stacked to form a stack which increases in the direction of stacking, comprising at least one stacking point on which the objects are respectively added to the stack. According to the invention, the stacking device comprises at least one stacking receiving drive by means of which at least one stack holder receiving the stack can be moved in the direction of stacking with respect to the stacking station.

IPC 8 full level

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Citation (search report)

See references of WO 2016026657A2

Citation (examination)

- US 5515667 A 19960514 - ROEOESLI HANSPETER [DE]
- US 4509739 A 19850409 - KUROKAWA KOJI [JP]
- JP H082780 A 19960109 - DAINIPPON PRINTING CO LTD
- US 3289230 A 19661206 - DETERT HENRY W
- JP H082779 A 19960109 - DAINIPPON PRINTING CO LTD
- DE 10127028 A1 20021031 - EMAG MASCHB GMBH [DE]
- US 5993132 A 19991130 - HARRES LUIZ C [US], et al
- JP 2010265094 A 20101125 - NISCA CORP
- FR 2646620 A1 19901109 - MAINNETTE JEAN MARC [FR], et al
- US 2003168797 A1 20030911 - LOOSE JOCHEN [US], et al
- US 2008012211 A1 20080117 - STEMMLE DENIS J [US]

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