

Title (en)

STACKER WHEEL FOR STACKING SHEETS

Title (de)

STAPLERRAD ZUM STAPELN VON BLÄTTERN

Title (fr)

DISPOSITIF D'EMPILAGE DESTINÉ À EMPILER DES FEUILLES

Publication

EP 2838826 A1 20150225 (DE)

Application

EP 13718300 A 20130415

Priority

- DE 102012008475 A 20120416
- EP 2013001107 W 20130415

Abstract (en)

[origin: WO2013156137A1] The invention relates to a stacker wheel (10) that comprises one or more first and second stacker wheel plates (11, 12) arranged on an axis (A) concentrically to one another and spaced apart from one another in the axial direction. Each stacker wheel plate comprises a plurality of sheet compartments (3) distributed around the periphery, for receiving a sheet. These sheet compartments of the first and the second stacker wheel plates have an interleaved arrangement relative to one another in one section of said sheet compartments, such that the stacker wheel plates here have an azimuthal profile offset which results in the sheet compartments of the first stacker wheel plate running in front of or behind the sheet compartments of the second stacker wheel plate. According to the invention, the sheet compartments of the first and the second stacker wheel plates have, on their radial inner end, an azimuthal profile offset which is again reduced or eliminated up to the compartment end of the sheet compartments. This allows damage to the stacked sheets to be avoided.

IPC 8 full level

B65H 29/40 (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)

B65H 29/22 (2013.01 - EP US); **B65H 29/40** (2013.01 - EP US); **B65H 29/54** (2013.01 - EP US); **B65H 29/68** (2013.01 - EP US); **B65H 39/065** (2013.01 - EP US); **B65H 39/105** (2013.01 - EP US); **B65H 2301/5122** (2013.01 - EP US); **B65H 2404/6582** (2013.01 - EP US); **B65H 2404/661** (2013.01 - US); **B65H 2701/1912** (2013.01 - EP US)

Citation (search report)

See references of WO 2013156137A1

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)

DE 102012008475 A1 20131017; EP 2838826 A1 20150225; EP 2838826 B1 20160413; US 2015061221 A1 20150305; US 9193553 B2 20151124; WO 2013156137 A1 20131024

DOCDB simple family (application)

DE 102012008475 A 20120416; EP 13718300 A 20130415; EP 2013001107 W 20130415; US 201314394791 A 20130415