Title (en)
SHEET STACKER AND METHOD FOR FORMING STACKS OF STAGGERED BUNDLES

Title (de)
BLATTSTAPEL- UND VERFAHREN ZUR BILDUNG VON VERSETZTEN STAPELBÜNDELN

Title (fr)
EMPILEUR DE FEUILLES ET PROCÉDÉ POUR FORMER DES PILES DE FAISCEAUX DÉCALÉS

Publication
EP 3147244 B1 20180221 (EN)

Application
EP 15186994 A 20150925

Priority
EP 15186994 A 20150925

Abstract (en)
[origin: EP3147244A1] The sheet stacker (1) comprises a sheet conveyor arrangement (3), configured for feeding a plurality of sheets (C) in succession in a sheet feeding direction (F), said sheet conveyor arrangement having a sheet discharge end (17). The sheet stacker further comprises a stacking bay (5), wherein sheets delivered by the sheet conveyor arrangement at the sheet discharge end thereof are formed into stacks (S). The stacking bay (5) comprises a stacker platform (19). The stacker platform (19) supports a stack conveyor (25) movable in a direction parallel to a feed direction (F) of the sheets (C) in the stacking bay (5), configured and controlled to perform a reciprocating staggering motion to form staggered bundles (B) of sheets, and to further perform an evacuation motion (fE), to remove a completed stack (S) from the stacking bay (5).

IPC 8 full level
B65H 31/10 (2006.01); **B65H 31/30** (2006.01); **B65H 33/08** (2006.01)

CPC (source: EP)
B65H 31/10 (2013.01); **B65H 31/3054** (2013.01); **B65H 33/08** (2013.01); B65H 2301/42194 (2013.01); B65H 2404/72 (2013.01); B65H 2404/721 (2013.01); B65H 2701/176 (2013.01); B65H 2701/1762 (2013.01); B65H 2701/1764 (2013.01)

Cited by
EP4357283A1

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

DOCDB simple family (publication)
EP 3147244 A1 20170329; **EP 3147244 B1 20180221**; CN 106553927 A 20170405; CN 112141790 A 20201229; CN 112141790 B 20220909

DOCDB simple family (application)
EP 15186994 A 20150925; CN 201510698679 A 20151022; CN 202011037063 A 20151022