

Title (en)

SHEET STACKER AND METHOD FOR FORMING SHEETS STACKS OF STAGGERED SHEETS BUNDLES

Title (de)

BOGENSTAPELVORRICHTUNG UND VERFAHREN ZUR BILDUNG VON GESTAPELTEN VERSETZTEN BOGENBÜNDELN

Title (fr)

EMPILEUR DE FEUILLES ET PROCÉDÉ POUR FORMER DES PILES DÉCALÉES DE FEUILLES

Publication

EP 3378811 B1 20200422 (EN)

Application

EP 18160643 A 20180308

Priority

EP 17162266 A 20170322

Abstract (en)

[origin: EP3378811A1] 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 surface (25) movable in a direction parallel to a feeding 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. The pitch (P) of the staggering motion is set as a function of at least one production parameter, such as the length of the sheets in the staggering direction.

IPC 8 full level

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Cited by

CN110044171A; CN109353828A; FR3093096A1; KR20210118133A; US11932507B2; EP4357283A1; WO2020173604A1

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