

Title (en)

Method for transferring stacks of sheet-shaped material from a turning device to an inserter

Title (de)

Verfahren zur Übergabe von Stapeln aus bogenförmigem Material von einer Wendevorrichtung an einen Einleger

Title (fr)

Procédé de transmission de piles à partir de matériau cintré depuis un dispositif de basculement sur un insert

Publication

EP 2570373 A2 20130320 (DE)

Application

EP 12180988 A 20120820

Priority

DE 102011113518 A 20110915

Abstract (en)

The device has positioning tongues (7) for correctly-aligned transmission of stack of arc-shaped material from a stack turner (1) to a feeder (2). A stack front edge supporting device has a movable lower looper (4), and a stack lower edge supporting device has lower supporting rollers (6, 8). The lower looper has a supporting wall and a support for the front edge, where the support runs perpendicular to the supporting wall. The supporting wall is arranged at an angle of greater than 90 degrees to a conveying direction, where the rollers are designed as continuous rollers. An independent claim is also included for a method for transferring a stack of arc-shaped material from a stack turner to a feeder.

Abstract (de)

Die Erfindung betrifft eine Vorrichtung und ein Verfahren zur Übergabe von Stapeln (10) aus bogenförmigem Material von einer Wendevorrichtung (1) an einen Einleger (2). Der Einleger (2) weist zur korrekt ausgerichteten Übernahme des Stapels (10) Stellungen (7) auf. Die Vorrichtung weist zur Unterstützung der Stapelvorderkante bewegliche Untergreifer (4) auf und zur Unterstützung der Stapelunterkante des Stapels (10) ausfahrbare Unterstützungsrollen (8).

IPC 8 full level

B65H 5/00 (2006.01); **B65H 1/06** (2006.01); **B65H 1/30** (2006.01); **B65H 15/02** (2006.01)

CPC (source: EP US)

B65H 1/06 (2013.01 - EP); **B65H 1/30** (2013.01 - EP); **B65H 5/006** (2013.01 - EP US); **B65H 15/016** (2020.08 - EP US); **B65H 15/02** (2013.01 - EP US); **B65H 2301/3321** (2013.01 - EP); **B65H 2301/42264** (2013.01 - EP); **B65H 2701/1764** (2013.01 - EP)

Citation (applicant)

- DE 1065075 B 19590910 - SIEMENS AG
- EP 1350748 A2 20031008 - BOBST SA [CH]
- US 5743374 A 19980428 - MONSEES CLAUDE E [US]
- EP 1350748 A2 20031008 - BOBST SA [CH]

Cited by

CN110482194A; CN108045923A

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 2570373 A2 20130320; **EP 2570373 A3 20150304**; **EP 2570373 B1 20160608**; DE 102011113518 A1 20130321

DOCDB simple family (application)

EP 12180988 A 20120820; DE 102011113518 A 20110915