

Title (en)

Device for blocking a standing stack of flat printed products

Title (de)

Vorrichtung zum Verblocken eines stehenden Stapels flacher Druckerzeugnisse

Title (fr)

Dispositif de blocage d'une pile dressée de produits d'impression plats

Publication

EP 2546179 A3 20140115 (DE)

Application

EP 12004943 A 20120704

Priority

- DE 102011107202 A 20110713
- DE 102011112361 A 20110902

Abstract (en)

[origin: EP2546179A2] The device (1) has an electrically grounded conveyor (4) conveyed towards and away from a stack (2) in an idle position. Linear electrodes (17) are embedded in lateral adjustable stoppers (6a, 6b). An upper press plate (7) is vertically lowered on the stack. An electrically conductive surface electrode (8) contacts the stack and is applied with electrical voltage for electrostatic charging of the stack. The press plate is formed by the surface electrode. The surface electrode is laterally and completely surrounded by an electrically insulating shield frame (9) in an upper end position.

IPC 8 full level

B65H 31/26 (2006.01)

CPC (source: EP)

B65H 31/26 (2013.01); **B65H 2301/4222** (2013.01); **B65H 2301/4223** (2013.01); **B65H 2301/42264** (2013.01); **B65H 2301/5132** (2013.01); **B65H 2601/252** (2013.01)

Citation (search report)

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- [A] DE 19719935 A1 19981119 - ELTEX ELEKTROSTATIK GMBH [DE]
- [A] EP 1741652 A1 20070110 - ILLINOIS TOOL WORKS [US]
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Cited by

CN108820329A; DE102018106985A1; DE102018106985B4

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)

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DOCDB simple family (application)

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