

Title (en)

Device for connecting one sheet of material with a second sheet

Title (de)

Vorrichtung zum Verbinden einer ersten Materialbahn mit einer zweiten Materialbahn

Title (fr)

Dispositif destiné à lier une première bande de matériau à une deuxième bande de matériau

Publication

EP 1897830 A3 20090114 (DE)

Application

EP 07114653 A 20070821

Priority

DE 102006042217 A 20060908

Abstract (en)

[origin: EP1897830A2] Device for connecting a first material strip (01) to a second material strip (02) comprises a roller (03) for the first material strip driven on its axle (11) by a drive unit (13) and a control unit arranged on the drive unit for operating a pressure element (21) arranged on the first material strip to adjust the revolution. Preferred Features: The control unit reduces the revolution of the drive unit for the duration of the pressing of the first material strip on the second material strip. The pressing element is formed as a brush which can be adjusted on the first material strip.

IPC 8 full level

B65H 18/20 (2006.01)

CPC (source: EP)

B65H 19/1815 (2013.01); **B65H 19/1868** (2013.01); **B65H 2301/46152** (2013.01); **B65H 2301/4641** (2013.01); **B65H 2408/2411** (2013.01); **B65H 2513/10** (2013.01); **B65H 2557/25** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

- [XY] DE 10060757 A1 20020613 - HEIDELBERGER DRUCKMASCH AG [DE]
- [DX] WO 2006029911 A1 20060323 - KOENIG & BAUER AG [DE], et al
- [Y] DE 1172279 B 19640618 - MASCHF AUGSBURG NUERNBERG AG
- [Y] US 5253819 A 19931019 - BUTLER JR RICHARD A [US]

Cited by

DE102010042520A1; DE102010042520B4; DE102008033736A1; US10457512B2; US10899568B2; US11767189B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1897830 A2 20080312; **EP 1897830 A3 20090114**; **EP 1897830 B1 20100310**; AT E460373 T1 20100315; DE 102006042217 A1 20080327; DE 102006042217 B4 20110714; DE 502007003062 D1 20100422; ES 2338599 T3 20100510

DOCDB simple family (application)

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