

Title (en)

Adhesive application device for a machine which processes paper or cardboard

Title (de)

Klebstoffauftrageinrichtung für eine papier- oder kartonverarbeitende Maschine

Title (fr)

Dispositif d'application de colle pour une machine de traitement du papier ou du carton

Publication

EP 1946846 A3 20081217 (DE)

Application

EP 08100405 A 20080114

Priority

DE 102007002980 A 20070119

Abstract (en)

[origin: EP1946846A2] The device (1) has multiple releasing modules (2) distributed over a working width, where each releasing module comprises adhesive flow connections and adhesive return connections. An adhesive chamber is provided between the adhesive flow and return connections. The adhesive return connections are connected with a common return line (19, 20). A pressure adjusting device (21) is arranged in the common return line, where the adjusting device is formed as a pressure regulating device. The release modules are connected with a common pressure source (15).

IPC 8 full level

B05B 12/08 (2006.01); **B05C 11/10** (2006.01)

CPC (source: EP)

B05C 11/1002 (2013.01); **B05C 11/1044** (2013.01); **B05C 5/027** (2013.01); **B05C 5/0279** (2013.01); **B05C 11/1013** (2013.01); **B05C 11/1039** (2013.01)

Citation (search report)

- [X] US 5316836 A 19940531 - HEINDEL TIMOTHY R [US], et al
- [X] EP 0819477 A2 19980121 - ILLINOIS TOOL WORKS [US]
- [X] US 2006177565 A1 20060810 - BHATTACHARYA SHUBHO [US], et al
- [X] EP 1479955 A2 20041124 - NORDSON CORP [US]
- [X] DE 10327646 A1 20040325 - WINDMOELLER & HOELSCHER [DE]
- [A] EP 1316368 A1 20030604 - ILLINOIS TOOL WORKS [US]
- [A] WO 9521703 A1 19950817 - NORDSON CORP [US]
- [DA] DE 4211942 A1 19931014 - WALLNER HARALD [DE]
- [A] US 2005015050 A1 20050120 - MOWERY CHRISTOPHER DOUGLAS [US], et al

Cited by

JP2013066834A; DE102016014955A1; CN105944907A; EP3067123A3; US11944990B2; US11167302B2; US11167297B2; US11338312B2; US9925552B2; US10150134B2; US11167308B2; US11440035B2; US11203030B2; US11813630B2; US11975345B2; WO2018108568A1; EP3689473A1; US11298717B2; US11504735B2; US11878317B2; US10758934B2; US11148167B2; US11154892B2; US11344909B2; US11607706B2; US11766694B2; US11975350B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1946846 A2 20080723; **EP 1946846 A3 20081217**; **EP 1946846 B1 20100818**; AT E477854 T1 20100915; DE 102007002980 A1 20080724; DE 502008001129 D1 20100930

DOCDB simple family (application)

EP 08100405 A 20080114; AT 08100405 T 20080114; DE 102007002980 A 20070119; DE 502008001129 T 20080114