

Title (en)  
Device for applying glue

Title (de)  
Klebstoffauftragsvorrichtung

Title (fr)  
Dispositif d'application de colle

Publication  
**EP 0761316 A3 19971126 (DE)**

Application  
**EP 96111225 A 19960712**

Priority  
DE 19532582 A 19950904

Abstract (en)  
[origin: US5858091A] A device for applying adhesives includes an adhesive chamber, the front side of which is closed by an adhesive roller with a vertical rotational axis which, in cooperation with one vertical side wall of the chamber, delimits a return gap for unremoved adhesive. A sealing roller is arranged parallel to the adhesive roller, forms a gap for the adhesive in cooperation with the adhesive application roller and is sealed relative to the other vertical side wall of the chamber by sealing elements. A glue application roller can be adjusted such that it adjoins the adhesive roller, receives preferably formatted glue sections from the adhesive roller and transfers the glue sections to the work pieces on which the glue needs to be applied. In order to prevent accumulations of the adhesive in front of the return gap which are discharged in uncontrolled fashion, a strip of flexible and/or elastic material is fastened to the side wall that delimits the return gap. The free end of the strip adjoins the surface region of the adhesive roller which enters the chamber.

IPC 1-7  
**B05C 1/08**

IPC 8 full level  
**B05D 7/24** (2006.01); **B05C 1/08** (2006.01); **C09J 7/02** (2006.01)

CPC (source: EP KR US)  
**B05C 1/0813** (2013.01 - EP US); **B05C 1/083** (2013.01 - KR); **B05C 1/086** (2013.01 - EP US); **B05C 1/0865** (2013.01 - KR);  
**B05D 5/10** (2013.01 - KR); **Y10T 156/1798** (2015.01 - EP US)

Citation (search report)  
• [YA] DE 4117390 A1 19921203 - KOENIG & BAUER AG [DE]  
• [YD] DE 2948745 A1 19810611 - WINDMOELLER & HOELSCHER [DE]

Designated contracting state (EPC)  
AT DE ES FR GB IT

DOCDB simple family (publication)  
**US 5858091 A 19990112**; AT E189414 T1 20000215; BR 9603645 A 19980519; CN 1148521 A 19970430; CZ 226696 A3 19970917;  
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ES 2142001 T3 20000401; JP 3782171 B2 20060607; JP H09131556 A 19970520; KR 970014842 A 19970428; TW 317512 B 19971011

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**US 70160996 A 19960822**; AT 96111225 T 19960712; BR 9603645 A 19960903; CN 96111194 A 19960904; CZ 226696 A 19960730;  
DE 19532582 A 19950904; DE 59604357 T 19960712; EP 96111225 A 19960712; ES 96111225 T 19960712; JP 23283796 A 19960903;  
KR 19960035547 A 19960826; TW 85109791 A 19960810