

Title (en)
ARRANGEMENT FOR APPLYING ADHESIVES

Publication
EP 0063244 B1 19850911 (DE)

Application
EP 82102262 A 19820319

Priority
DE 3115418 A 19810416

Abstract (en)
[origin: US4418640A] The applicator for applying adhesive to a work piece, for example in an edge glueing machine for work pieces moving continuously through the machine, has adhesive discharge holes (6). The adhesive is supplied through these holes (6) under pressure to the edge of work pieces. Any contaminating particles, which may be present in the adhesive prior to its application to the work piece, tend to travel upwardly with the adhesive in the adhesive supply conduit (2, 4), due to their lower specific weight, whereby the contaminations may clog the discharge holes (6) and prevent the proper application of adhesive to a work piece. For avoiding such clogging the nozzle body (1) is provided with a scavenging duct (5) which is connectable to the adhesive supply conduit (2, 4) for repeatedly passing a portion of adhesive out of the supply conduit (4), whereby the application of adhesive may be performed without any trouble. The discharge holes (6) are closed during the scavenging of a small portion of adhesive. Preferably the scavenging duct portion (5') is connected to the supply conduit at a location above the adhesive discharge holes (6).

IPC 1-7
B05C 11/10; **B27G 11/00**

IPC 8 full level
B05C 5/00 (2006.01); **B05C 5/02** (2006.01); **B05C 5/04** (2006.01); **B05C 11/10** (2006.01); **B27G 11/00** (2006.01)

CPC (source: EP US)
B05C 5/0204 (2013.01 - EP US); **B05C 5/0275** (2013.01 - EP US); **B27G 11/00** (2013.01 - EP US); **B05C 5/0233** (2013.01 - EP US)

Citation (examination)
DE 2731799 A1 19790118 - REICH MASCHF GMBH KARL

Cited by
CN105772332A

Designated contracting state (EPC)
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EP 0063244 A2 19821027; **EP 0063244 A3 19830803**; **EP 0063244 B1 19850911**; AT E15455 T1 19850915; DE 3115418 A1 19821111; DE 3115418 C2 19850103; JP S57180457 A 19821106; JP S6232981 B2 19870717; US 4418640 A 19831206

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