

Title (en)
APPARATUS FOR MAKING WINDOW PATCHES

Publication
EP 0095890 B1 19860903 (EN)

Application
EP 83303017 A 19830525

Priority
US 38311782 A 19820528

Abstract (en)
[origin: EP0095890A1] A web (14) of patch material is unwound from a reel and conveyed to apparatus (44) for applying adhesive to preselected portions of one surface of the web. Positioned downstream of the adhesive applicator (44) is patch severing apparatus (22) associated with a vacuum roll (18). Positioned between the patch severing apparatus (22) and the adhesive applicator (44) is a vacuum conveyor (52). The vacuum conveyor (52) includes a porous conveying surface (68) having a web receiving end portion (64) and a web discharging end portion (66). A vacuum housing (72) having a passageway (74) connected to a source of reduced pressure is positioned below the porous conveying surface (68). A ported stationary plate (76) is secured to the housing (72) above the vacuum passageway (74). A ported movable plate (80) is adjustably positioned in overlying relation with the stationary plate (76). Each plate has a plurality of suction ports (78) therethrough. The conveyor (54) pulls the web (14) from the adhesive applicator (44) and pushes the web (14) to the patch severing apparatus (22) where window patches (P) are cut from the web. The window patches (P) are transferred onto the surface (20) of the vacuum roll (18) and therefrom onto the cut windows of envelope blanks.

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B31B 1/82; B65H 5/22

IPC 8 full level
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CPC (source: EP US)
B31B 50/00 (2017.07 - EP); **B31B 50/82** (2017.07 - EP US)

Cited by
EP1120239A3; DE10357795A1; DE10002544A1; GB2258225A; GB2258225B; GB2359520A; GB2359520B; US5327702A; US6572520B2; US6409332B1; US6634403B1

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