

Title (en)

SHEET FEEDING MECHANISM HAVING DUST PREVENTING MEANS AND METHOD FOR CLEANING THE SHEET FEEDING MECHANISM

Publication

EP 0381382 A3 19910206 (EN)

Application

EP 90300808 A 19900125

Priority

- JP 980289 U 19890130
- JP 5040389 U 19890428
- JP 5040489 U 19890428

Abstract (en)

[origin: EP0381382A2] A sheet feeding mechanism having dust preventing means. The sheet feeding mechanism includes a suction cup (31) contactable with a sheet, evacuating means (55) for generating negative pressure within the suction cups and tube means (54) connected between the evacuating means and the suction cups. The dust preventing means includes a filter member (73) disposed within the tube means. The evacuating means includes a cylinder (56) and a piston (58). The cylinder extends in vertical direction or in horizontal direction. In the latter case, one side end of the cylinder is connected to the tube means and another side end is closed for preventing dusts from being entered thereinto, and the cylinder wall is formed with a small bore at lower portion thereof and adjacent the other side. For cleaning the sheet feeding mechanism, positive air stream is generated within the mechanism during idling state thereof.

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B65H 3/08

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Cited by

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