

Title (en)

Sheet conveyor in sheet feeder or sheet delivery of printing machines.

Title (de)

Bogenfördereinrichtung in Aus- bzw. Anlegern von Druckmaschinen.

Title (fr)

Convoyeur pour feuilles dans margeur ou receveur de feuilles de machines à imprimer.

Publication

EP 0527406 B1 19950614 (DE)

Application

EP 92113147 A 19920801

Priority

DE 4126546 A 19910810

Abstract (en)

[origin: US5261654A] A sheet conveyor table for delivering sheets from a printing press has upper and lower portions. The lower portion is secured adjacent a delivery unit of the printing press and the upper portion is releasably attached to the lower portion through a swivel joint and catch coupling. An endless conveyor belt is trained about a pair of guide rollers and a tensioning roller on the upper portion for continuous movement imparted by the rotational force of a drive wheel mounted on the lower portion of the table. A guide plate extends substantially parallel and closely adjacent the conveyor path for guiding sheet materials during transfer. A wedge-shaped suction aperture in the guide plate is adapted for communication with a vacuum source, thereby creating a downwardly directed suction force for braking and guiding the sheet materials during transfer. The suction aperture diverges with respect to the direction of travel of the conveyor belt, so as to create a continually increased vacuum force on the sheets during transfer and thereby progressively brake the sheet movement.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (application)

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