

Title (en)
CONVEYING DEVICE FOR A SHEET-FED ROTARY PRINTING MACHINE

Publication
EP 0275882 A3 19891213 (DE)

Application
EP 88100155 A 19880108

Priority
DE 3701767 A 19870122

Abstract (en)
[origin: US4858910A] A conveyor for a sheet-fed rotary printing press for transferring sheets away from an impression cylinder includes a delivery cylinder disposed adjacent the impression cylinder, and a chain conveyor having a plurality of sheet grippers, adapted for moving the grippers about the delivery cylinder for successively engaging sheets on the impression cylinder. The delivery cylinder has a gap in its outer periphery for receiving successive of the sheet grippers during transfer of a sheet from the impression cylinder to the sheet grippers. The sheet grippers each include a support and a pivotable gripper finger, and a displacer mounted on and extending rearwardly of each gripper support for bridging the gap in the delivery cylinder within which the gripper is disposed during a sheet transfer operation, and for maintaining tension in the sheet during transfer from the impression cylinder to the chain conveyor. The displacer is comb shaped having a plurality of rearwardly extending arcuate shaped teeth. A sheet support comb also may be supported on the delivery cylinder with its teeth forwardly extending in intermeshing relation with the teeth of the displacer so as to completely bridge the gap within which the sheet gripper is disposed. Antismear rollers or like elements may be disposed on the teeth of the displacer and the sheet support comb to facilitate smooth transfer of the sheet away from the compression cylinder.

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B41F 21/08 (2006.01); **B41F 21/10** (2006.01)

CPC (source: EP US)
B41F 21/08 (2013.01 - EP US); **B41F 21/10** (2013.01 - EP US)

Citation (search report)
• [X] EP 0194559 A2 19860917 - ROLAND MAN DRUCKMASCH [DE]
• [X] FR 2342850 A1 19770930 - MASCHF AUGSBURG NUERNBERG AG [DE]
• [A] EP 0185965 B1 19890315

Cited by
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AT CH DE FR GB IT LI NL SE

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