

Title (en)

DEVICE FOR TRANSPORTING A SHEET PRINTED IN A PRINTING MACHINE BY MEANS OF CHAIN TRANSFER SYSTEMS

Publication

**EP 0275039 A3 19900321 (DE)**

Application

**EP 88100154 A 19880108**

Priority

DE 3701103 A 19870116

Abstract (en)

[origin: US4869169A] A sheet transfer conveyor for rotary sheet feed printing press comprising a pair of chains which support and transport a plurality of gripper carrying trolleys which successively engage the leading edge of a sheet from a printing press cylinder, such as an impression cylinder, for removing the sheet from the cylinder and transferring it to the next printing unit or to a delivery unit. The trolleys are supported on the chains by resilient mountings which, following engagement of a sheet by the gripper, pivot the trolley under a spring biasing force to maintain substantially constant tension on the sheet throughout the period the sheet is being removed from the cylinder. Guide rails are provided which define a guide channel for guiding the trolleys into predetermined relation to the cylinder for engaging the sheet, and at such point, the guide rails are recessed to permit pivotal movement of the trolley under the biasing force of the spring mounting.

IPC 1-7

**B41F 21/08**

IPC 8 full level

**B41F 21/08** (2006.01); **B65H 29/04** (2006.01)

CPC (source: EP US)

**B41F 21/08** (2013.01 - EP US)

Citation (search report)

- [AD] DE 830959 C 19520207 - FABER & SCHLEICHER A G
- [A] FR 1335971 A 19630823 - COLOR METAL A G
- [A] FR 1082686 A 19541231

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0275039 A2 19880720; EP 0275039 A3 19900321**; DE 3701103 A1 19880728; DE 3701103 C2 19900419; JP H0653411 B2 19940720; JP S63231938 A 19880928; US 4869169 A 19890926

DOCDB simple family (application)

**EP 88100154 A 19880108**; DE 3701103 A 19870116; JP 503888 A 19880114; US 14622288 A 19880119