

Title (en)

Device for transferring in register and feeding sheets between printing units of a multi-colour printing machine.

Title (de)

Vorrichtung zur passgenauen Bogenübergabe und zum Transport von Bogen zwischen den Druckeinheiten einer Mehrfarben-Druckmaschine.

Title (fr)

Dispositif pour le transfert de feuilles en position de repère et le transport de celles-ci entre les unités d'impression d'une machine à imprimer à plusieurs couleurs.

Publication

**EP 0535405 B1 19950614 (DE)**

Application

**EP 92115305 A 19920908**

Priority

DE 4131887 A 19910925

Abstract (en)

[origin: US5267510A] A chain operated sheet transport and transfer mechanism for sheet-fed printing machines having a plurality of printing units. The chain operated mechanism includes a plurality of gripper cars affixed to chains for movement between the printing units. The gripper cars each have a gripper impact strip and a pivotable gripper finger, with the gripper strip of each car extending the width of the gripper car and being of concave configuration. A bending device at the transfer zone of each printing unit is operable for acting on the gripper car to bend the concave gripper impact strips straight in order that sheets are transferred from one printing unit to the other without register deviation.

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**B41F 21/08**

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

**US 5267510 A 19931207**; AT E123700 T1 19950615; DE 4131887 C1 19930107; DE 59202521 D1 19950720; EP 0535405 A2 19930407; EP 0535405 A3 19930602; EP 0535405 B1 19950614; JP H05208486 A 19930820; JP H0775884 B2 19950816

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**US 94989292 A 19920923**; AT 92115305 T 19920908; DE 4131887 A 19910925; DE 59202521 T 19920908; EP 92115305 A 19920908; JP 25470892 A 19920924