

Title (en)

DEVICE FOR TRANSFERRING IN REGISTER AND FEEDING SHEETS BETWEEN PRINTING UNITS OF A MULTI-COLOUR PRINTING MACHINE

Publication

EP 0535405 A3 19930602 (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.

IPC 1-7

B41F 21/08

IPC 8 full level

B41F 21/08 (2006.01)

CPC (source: EP US)

B41F 21/08 (2013.01 - EP US)

Citation (search report)

- [AD] DE 2157993 B1 19720824
- [A] DE 920132 C 19541115 - KOENIG & BAUER SCHNELLPRESSFAB
- [A] DATABASE WPIL Section PQ, Week 8237, Derwent Publications Ltd., London, GB; Class Q36, AN 82-M2108E & SU-A-878 713 (POLYGRAPH ENG RES)

Cited by

DE102007007240A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

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

DOCDB simple family (application)

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