

Title (en)

Apparatus for removing printed sheets for inspection.

Title (de)

Vorrichtung zur Entnahme von bedruckten Bogen für deren Begutachtung.

Title (fr)

Dispositif pour le prélèvement d'échantillons de feuilles imprimées.

Publication

**EP 0180827 A1 19860514 (DE)**

Application

**EP 85113162 A 19840523**

Priority

DE 3322342 A 19830622

Abstract (en)

[origin: US4582316A] A device for withdrawing printed sheets from a delivery of a sheet-fed rotary printing machine for examination and sorting purposes, the delivery being a chain delivery with gripper rows attached to the chain and having grippers operable by cam control, withdrawal of the printed sheets being initiated by a delayed opening of the respective grippers, includes a first gripper-opening cam, means for releasing the first gripper-opening cam from a locked position thereof so that it is engageable with a rotating control cam for bringing the first gripper-opening cam into a position wherein opening of the grippers is effected and is prevented, a second gripper-opening cam for initiating a delayed opening of the grippers, the second gripper-opening cam being disposed downstream from the first gripper-opening cam in travel direction of the printed sheets, and means for feeding the printed sheets released from the grippers, when the grippers are opened, directly to a conveyance device for further transporting the printed sheets.

Abstract (de)

Die Erfindung bezieht sich auf eine Vorrichtung zur Entnahme von bedruckten Bogen für deren Begutachtung oder Aussonderung aus dem Ausleger einer Bogenrotationsdruckmaschine mit einer als Scheibe ausgebildeten Greiferöffnungskurve (37), die die Entnahme eines Bogens einleitet. Zur Entnahme eines Probefogens wird die Greiferöffnungskurve (37) mit einer Verschwenkeinrichtung (39-42,47) verschwenkt, wodurch der Bogen verzögert freigegeben und in einem Führungskanal (44) nach außen befördert wird.

IPC 1-7

**B65H 29/04**

IPC 8 full level

**B41F 21/00** (2006.01); **B41F 33/04** (2006.01); **B65H 29/04** (2006.01); **B65H 29/58** (2006.01); **B65H 29/60** (2006.01); **B65H 29/62** (2006.01); **B65H 31/32** (2006.01)

CPC (source: EP US)

**B65H 29/585** (2013.01 - EP US)

Citation (search report)

- GB 782298 A 19570904 - TIMSONS LTD
- DD 141664 A1 19800514 - ZIMMERMANN HANS, et al

Cited by

CN110603216A; GB2301096A; DE19519374A1; FR2734555A1; GB2301096B; DE19519374C2; US11498792B2

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

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**US 4582316 A 19860415**; AT 393997 B 19920110; AT A143284 A 19910715; CA 1253529 A 19890502; DE 3460683 D1 19861016; DE 3468402 D1 19880211; EP 0129718 A1 19850102; EP 0129718 B1 19860910; EP 0180827 A1 19860514; EP 0180827 B1 19880107; JP H0325390 B2 19910405; JP H0329709 B2 19910425; JP S6015345 A 19850126; JP S6071453 A 19850423

DOCDB simple family (application)

**US 62331484 A 19840622**; AT 143284 A 19840430; CA 454168 A 19840511; DE 3460683 T 19840523; DE 3468402 T 19840523; EP 84105872 A 19840523; EP 85113162 A 19840523; JP 12766784 A 19840622; JP 12766884 A 19840622