

Title (en)

Device for dividing signature streams behind a folding apparatus

Title (de)

Vorrichtung zur Aufteilung von Exemplarströmen hinter einem Falzapparat

Title (fr)

Dispositif pour diviser des courants d'exemplaires derrière un appareil de pliage

Publication

EP 0896942 A3 19991020 (DE)

Application

EP 98112325 A 19980703

Priority

US 91431397 A 19970813

Abstract (en)

[origin: EP0896942A2] A continual supply of printed e.g. magazines emerges from a folding machine and is subdivided by a machine with two rotating wheel drive units (9,10). The wheels drive cables (3,4), each of which has grip-blocks (1,2) and grip elements (5,6) which lift single copies of the magazine from the emerging flow. The cables run in parallel to the first wheel, where one cable then runs around the first wheel. The other cable then continues to the second wheel over which it is then returned, rejoining the first wheel with the first cable. Each of the grip blocks has a recess (17,18) through which one of the cables passes, and a second recess (15,16) through which the other cable passes without making contact with the block. The size of the recess in the grip-blocks is such that during one section of their travel, the grip-blocks secured to the first cable advance in unison with those on the second cable, and follow a different route when the cables separate.

IPC 1-7

B65H 29/00

IPC 8 full level

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CPC (source: EP US)

B65H 29/005 (2013.01 - EP US); **B65H 2301/33** (2013.01 - EP US); **B65H 2301/4451** (2013.01 - EP US); **B65H 2301/44552** (2013.01 - EP US); **B65H 2405/531** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0399188 A2 19901128 - AM INT [US]
- [A] EP 0309702 A1 19890405 - FERAG AG [CH]
- [A] DE 19621331 A1 19970123 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] EP 0633212 A1 19950111 - FERAG AG [CH]
- [PA] EP 0819635 A2 19980121 - GAEMMERLER HAGEN [DE]

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Designated contracting state (EPC)

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