

Title (en)

Device for dividing a stream of printed products.

Title (de)

Vorrichtung zum Aufteilen eines Stromes aus Druckexemplaren.

Title (fr)

Dispositif pour diviser un courant de produits imprimés.

Publication

EP 0089407 A1 19830928 (DE)

Application

EP 82110639 A 19821118

Priority

DE 3210203 A 19820319

Abstract (en)

[origin: US4538800A] To provide for deflection of copy between two respective paths (8, 16; 9, 17) without using switchable deflection tongues, two cylinders (3, 4) have segmental elements (24, 27) located thereon which are respectively, selectively, positionable on or within the circumference of the cylinders, or projecting therefrom, for example by securing the segmental elements in projected position, or by controllable eccenters (28-35). Copy is fed by a belt transport system between the cylinders and, if the copy meets a projecting segment, the projecting segment will deflect the copy into one of the paths, in accordance with the position of guide tongue structure (36). Alternate feed in the respective path can be obtained by offsetting the projecting segments (25, 27) from each other, for example by 90 DEG (FIG. 3) and feeding copy with equal copy length and copy spaces therebetween to the cylinders, so that the copy will be directed, alternately, to one, or the other of the exit paths.

Abstract (de)

Um zwischen zwei Bandsystemen (8, 9) ankommende Druckexemplare (38) entweder in einen oberen Transportpfad (8, 16) oder in einen unteren Transportpfad (9, 17) mit einer feststehenden Ableitzunge (36) zu fördern, weisen die Zylinder (3, 4) Segmente (24 - 27) auf, die aus der Mantelfläche der Zylinder (3, 4) heraushebbar sind. Dadurch erfolgt ein Abdrängen der ankommenden Druckexemplare entweder in den oberen Transportpfad (8, 16) durch ein Segment (27) des unteren Zylinders (4) oder den unteren Transportpfad (9, 17) durch ein Segment (25) des oberen Zylinders (3).

IPC 1-7

B65H 29/58

IPC 8 full level

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CPC (source: EP US)

B65H 29/58 (2013.01 - EP US); **B65H 2404/261** (2013.01 - EP US); **B65H 2404/411** (2013.01 - EP US); **B65H 2404/6591** (2013.01 - EP US); **B65H 2511/414** (2013.01 - EP US); **Y10T 83/2085** (2015.04 - EP US)

C-Set (source: EP US)

B65H 2511/414 + **B65H 2220/01** + **B65H 2220/04**

Citation (search report)

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- [A] DE 2200260 A1 19720824 - GANNICOTT DAVID JAMES HANSFORD

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DOCDB simple family (application)

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