

Title (en)
Folding device.

Title (de)
Falzapparat.

Title (fr)
Dispositif de pliage.

Publication
EP 0658426 A1 19950621 (DE)

Application
EP 94119190 A 19941206

Priority
• DE 4342718 A 19931215
• DE 4344364 A 19931224

Abstract (en)
In a folding device, it is to be ensured that outer edges, running parallel to the conveying direction, of the signatures of variable width are sufficiently covered by conveyor belts (41; 42; 43; 44; 45; 46) of a belt conveying system so that, in the event of the grippers (17) arranged on the collecting cylinder (16) continuing to grip, the leading ends of the signatures remain undamaged. This takes place due to the fact that the strip (6) of the paper web which can be divided into signatures is displaceable in the axial direction of the collecting cylinder by at least one belt width. In this case, a width of the conveyor belts (b) is equal to or greater than a gap (i) between the belts. <IMAGE>

Abstract (de)
Bei einem Falzapparat soll sichergestellt werden, daß zur Transportrichtung parallel verlaufende Außenkanten der Signaturen variierbarer Breite ausreichend von Transportbändern (41;42;43;44;45;46) eines Bandleitsystems überdeckt werden, damit beim Nachgreifen der auf dem Sammelzylinder (16) angeordneten Greifer (17) die vorderen Enden der Signaturen beschädigungsfrei bleiben. Dieses geschieht dadurch, daß der in Signaturen teilbare Papierbahnstrang (6) in axialer Richtung des Sammelzylinders um zumindest eine Bandbreite verschiebbar ist. Dabei ist eine Breite der Transportbänder (b) gleich oder größer als eine Lücke (i) zwischen den Bändern. <IMAGE>

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IPC 8 full level
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CPC (source: EP US)
B41F 13/58 (2013.01 - EP US); **B41F 13/60** (2013.01 - EP US); **B41F 13/62** (2013.01 - EP US)

Citation (search report)
• [DA] DE 3628411 A1 19880225 - FRANKENTHAL AG ALBERT [DE]
• [A] DE 1039538 B 19580925 - GOEBEL GMBH MASCHF
• [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 25 (M - 190) 2 February 1983 (1983-02-02)

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DE 9320795 U1 19950202; EP 0658426 A1 19950621; EP 0658426 B1 19970723; JP 2793138 B2 19980903; JP H07206261 A 19950808; US 5573231 A 19961112

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