

Title (en)

Second fold roller with variable gap control

Title (de)

Zweitfalzwalze mit variabler Abstandssteuerung

Title (fr)

Second rouleau de pliage avec commande d'entrefer variable

Publication

EP 2933215 B1 20161228 (EN)

Application

EP 14165250 A 20140417

Priority

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Abstract (en)

[origin: EP2933215A1] A second fold roller assembly is provided. The assembly includes a pair of second fold rollers (14,16), each supported on a support element (22,20), the pair of second fold rollers (14,16) forming a nip (2) therebetween for transporting a book (1), the pair of second fold rollers (14,16) being separated by a gap (d) at the nip (2). The assembly also includes one or more actuators coupled to the support elements (22,20) and a controller (10) coupled to the one or more actuators. The controller (10) controls the one or more actuators to vary a size of the gap (d), wherein the size of the gap (d) is controlled to be a first size when a leading edge of the book (1) enters the nip (2) and the size of the gap (d) is controlled to be a second size after the leading edge of the book (1) has exited the nip (2) and while a portion of the book (1) is in the nip (2), the second size being greater than the first size.

IPC 8 full level

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CPC (source: EP)

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