

Title (en)

System for printing a book on pre-bound pages

Title (de)

System zum Drucken eines Buchs auf vorgebundenen Seiten

Title (fr)

Système pour imprimer un livre sur des pages pré-reliées

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2196319A1] An apparatus (30) is disclosed, for printing on the pages of a block of printable pages that are pre-bound by a binding along a binding-edge of each page. The apparatus (30) includes a block support structure comprising two height-adjustable tables (32A, 32B) for supporting the block of printable pages in two adjacent stacks (20A, 20B) , so that when a page is turned from atop a first stack to an adjacent second stack, the two adjacent stacks present substantially co-planar printable top surfaces. The apparatus (30) also includes a moveable bridge (42) adapted to movement in at least one dimension, comprising a printing device (40), and configured to move the printing device in a controlled manner over the printable top surfaces so as to print on said printable top surfaces; and a page-turning mechanism (50) connected to the moveable bridge, comprising a roller (66) configured for partially lifting a bound top page of the first stack, and a page-flipping tab (62) for sliding under the partially lifted bound top page so that when the bridge (42) is moved the partially lifted bound top page is flipped over to the second stack presenting new printable top surfaces for the printing device to print on.

IPC 8 full level

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CPC (source: EP)

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