

Title (en)

Method and means for aligning a stack of sheets

Title (de)

Verfahren und Vorrichtung zum Ausrichten eines Stapels

Title (fr)

Procédé et dispositif pour aligner un paquet de feuilles

Publication

EP 1348574 B1 20110112 (DE)

Application

EP 03005777 A 20030314

Priority

DE 10214341 A 20020328

Abstract (en)

[origin: EP1348574A1] Stacks of sheets (50) to make up a book or folder are presented with their edges in alignment and their perforations (52) form straight bores through the stack near one edge. The alignment system changes the straight bores into curved bores ready for insertion of a ring binder. The pins (16a,b) are pushed toward each other in the bores in a straight line until their tips overlap. The pins are mounted on support blocks (56a,b) on lever arms (14a,b) which are pivoted together on hinges (12a,b). As the pins are withdrawn by pivoting the arms about their hinges, they realign the stack so that the perforations form curved bores which fit the ring binder.

IPC 8 full level

B42C 5/02 (2006.01)

CPC (source: EP US)

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Citation (examination)

- DE 2952183 A1 19810625 - WOMAKO MASCH KONSTR [DE]
- DE 2804180 A1 19790802 - WOMAKO MASCH KONSTR

Cited by

JP2014069422A; EP1777185A4; US9862221B2; US10569590B2

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