

Title (en)

Method and apparatus for forming grooves in sheets to make printed products

Title (de)

Verfahren und Vorrichtung zum Rillen von Bogen zur Herstellung von Druckerzeugnissen

Title (fr)

Procédé et appareil de rainurage de feuilles pour la fabrication de produits imprimés

Publication

EP 1790494 A1 20070530 (DE)

Application

EP 06024135 A 20061121

Priority

DE 102005055856 A 20051123

Abstract (en)

The method involves seaming output sheets (19b) to a folded sheet, where the output sheets are compiled on top of each other in such a manner that the folded area lies at the top and the folded sheet is opened downwardly. A groove line (30b) is formed in the output sheets before the folding, where the depth and the breadth of the groove line are increased around a predetermined measure. An adjusting device controlled by a control device is provided for delivering a groove wheel (34) in a passage plane (DE). An independent claim is also included for a device for processing a sheet.

IPC 8 full level

B42C 19/02 (2006.01); **B31F 1/00** (2006.01); **B31F 1/10** (2006.01); **B42D 15/00** (2006.01)

CPC (source: EP)

B31F 1/10 (2013.01); **B42C 5/00** (2013.01); **B42D 15/008** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

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