

Title (en)

Method of transferring and transporting sheet material to an output unit and device for accomplishing this method.

Title (de)

Einrichtung zum Übernehmen und zum Weitergeben von Blattmaterial an eine Ausgabestation sowie Verfahren unter Verwendung dieser Einrichtung.

Title (fr)

Procédé pour transférer et transporter des feuilles vers une unité de sortie et dispositif pour exécuter ce procédé.

Publication

EP 0395047 B1 19940622 (DE)

Application

EP 90107923 A 19900426

Priority

DE 3914178 A 19890428

Abstract (en)

[origin: EP0395047A2] The invention relates to a method and a device for transferring successively supplied sheets (1) for collecting and bundling and for passing the bundled sheets (1) to an output unit. The individual sheets (1) are drawn successively into an intermediate store (11) and there placed one on top of the other. The bundle is then pushed out counter to the draw-in direction, via a deflector arrangement (19), into a guide channel (17) branching from the intermediate store (11), from which channel said bundle can be removed. The intermediate store (11) is preferably formed by a rotating gripping roller (4) which is enclosed on at least a part of its circumference by guiding surfaces (8, 9, 10); the sheets are received between the peripheral surface of the gripping roller (4) and the guiding surfaces (8, 9, 10). The gripping roller (4) is provided on its peripheral surface with a gripper arrangement (3) which grasps the sheets (1) and draws them into the intermediate store (11) in one direction of rotation of the gripping roller (4), and, in the opposite direction of rotation, pushes them out of the intermediate store (11). The invention is used, for example, in the dispensing of bank receipts. <IMAGE>

IPC 1-7

B65H 29/06; **B65H 29/51**

IPC 8 full level

B65H 5/12 (2006.01); **B65H 29/06** (2006.01); **B65H 29/51** (2006.01); **G07D 11/00** (2006.01)

CPC (source: EP)

B65H 5/12 (2013.01); **B65H 29/51** (2013.01); **G07D 11/12** (2018.12)

Cited by

US5735516A; US5909792A; US5662201A; KR100510369B1; EP0575711A1; FR2776277A1; EP0878782A1; US6092730A

Designated contracting state (EPC)

DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0395047 A2 19901031; **EP 0395047 A3 19910731**; **EP 0395047 B1 19940622**; DE 3914178 A1 19901031; DE 3914178 C2 19930624; DE 59006183 D1 19940728

DOCDB simple family (application)

EP 90107923 A 19900426; DE 3914178 A 19890428; DE 59006183 T 19900426