

Title (en)

SINGLE-SHEET DELIVERY DEVICE FOR PRINTING OR COPYING MACHINES USED TO FORM A STACK OF INDIVIDUAL SHEETS

Title (de)

EINZELBLATT-ABLEGEVORRICHTUNG FÜR DRUCK- ODER KOPIEREINRICHTUNGEN ZUM AUFBAU EINES STAPELS AUS EINZELBLÄTTERN

Title (fr)

DISPOSITIF DE DEPOT DE FEUILLES DESTINE A DES INSTALLATIONS D'IMPRESSION OU DE COPIE POUR LA FORMATION D'UNE PILE DE FEUILLES

Publication

EP 0673343 B1 19970730 (DE)

Application

EP 94901732 A 19931201

Priority

- DE 9301143 W 19931201
- DE 4243070 A 19921218

Abstract (en)

[origin: WO9414693A1] With the single-sheet delivery device of the invention, the individual sheets (2) coming from a printing device are laid down in stacks. The single-sheet delivery device has a single-sheet acceptance plate (4) surrounded by single-sheet alignment means (11, 12, 13) which align the single sheet (2) in such a way that its edge regions project in front of the surface of said acceptance plate (4). In the stacking direction (55) above the single sheet acceptance plate (4) there is a single-sheet cassette (15) with an aperture at the bottom. Supports (18) reducing the cross-section of the aperture are arranged within the periphery of said aperture. The cross-section of the aperture determined by the supports (18) is smaller than the area of a single sheet to be delivered and the sheets to be delivered (2) are pushed through the aperture by the single-sheet acceptance plate (4). The edges of the last single sheet (2) pressed through the aperture of the single-sheet cassette (15) are supported on the supports (18). The stacks (21, 24) of single sheets can be taken from the single-sheet cassette (15) by an operator without interrupting the delivery process.

IPC 1-7

B65H 29/46; **B65H 9/10**; **B65H 33/08**

IPC 8 full level

B65H 9/10 (2006.01); **B65H 29/46** (2006.01); **B65H 33/08** (2006.01)

CPC (source: EP)

B65H 9/101 (2013.01); **B65H 29/46** (2013.01); **B65H 33/08** (2013.01); **B65H 2301/42122** (2013.01)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

WO 9414693 A1 19940707; DE 59307030 D1 19970904; EP 0673343 A1 19950927; EP 0673343 B1 19970730; JP H08504726 A 19960521

DOCDB simple family (application)

DE 9301143 W 19931201; DE 59307030 T 19931201; EP 94901732 A 19931201; JP 51466194 A 19931201