

Title (en)

SINGLE SHEET FEED DEVICE FOR AN ELECTROGRAPHIC PRINTER OR COPIER

Title (de)

EINZELBLATT-ZUFÜHREINRICHTUNG FÜR EIN ELEKTROGRAFISCHES DRUCK- ODER KOPIERGERÄT

Title (fr)

DISPOSITIF DE MENE D'UNE FEUILLE INDIVIDUELLE POUR IMPRIMANTE OU PHOTOCOPIEUSE ELECTROGRAPHIQUE

Publication

**EP 0696364 B1 19970917 (DE)**

Application

**EP 94911847 A 19940411**

Priority

- DE 9400402 W 19940411
- DE 4314158 A 19930429

Abstract (en)

[origin: WO9425905A1] Single sheets (A) are drawn of a first stack (8) of single sheets and carried on a first substrate conveyor (1) in the usual way. At its end there is a switch (10) which alternately diverts the single sheets (A) to a second and a third substrate conveyor (2, 3). In the second substrate conveyor (2), which takes the form of a loop, the single sheets (A) are shifted sideways by one sheet width. A sideways-shifted single sheet (A1) and a sheet (A2) which has not been so shifted arrive at a fourth substrate conveyor (4) at the same time, on which they are taken in pairs to a printing unit (D) spanning the fourth substrate conveyor (4) and extracted therefrom. Then one single sheet (A1) per pair of sheets is shifted back by one sheet width in a fifth substrate conveyor also in the form of a loop while the other single sheets (A) arrive in succession at a second single sheet stack (9) and are placed thereon.

IPC 1-7

**G03G 15/00**

IPC 8 full level

**B41J 13/00** (2006.01); **B65H 5/26** (2006.01); **B65H 29/60** (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP US)

**G03G 15/6529** (2013.01 - EP US)

Cited by

US6317580B1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**WO 9425905 A1 19941110**; DE 59404105 D1 19971023; EP 0696364 A1 19960214; EP 0696364 B1 19970917; JP H08509450 A 19961008; US 5584474 A 19961217

DOCDB simple family (application)

**DE 9400402 W 19940411**; DE 59404105 T 19940411; EP 94911847 A 19940411; JP 52372694 A 19940411; US 53783295 A 19951024