

Title (en)

Printer with two printing units and method for using such an apparatus

Title (de)

Drucker oder Kopierer mit zwei Druckwerken und Verfahren zum Betreiben eines solchen Geräts

Title (fr)

Imprimante comportant deux groupes d'impression et procédé pour utiliser un tel appareil

Publication

EP 0957409 A1 19991117 (DE)

Application

EP 99113944 A 19971022

Priority

- DE 19643635 A 19961022
- EP 97947019 A 19971022

Abstract (en)

The printer has two printing mechanisms (D1,D2), in which single sheet material to be printed on by each mechanism, is feed via the same input section (28). The printed sheet is then issued across a common output section (42). In an emergency operating mode, in the case of a faulty printing mechanism (D1,D2), the faulty mechanism is switched off, and the deflector (W1), only supplies sheet material to the non-faulty mechanism. The printer or copier operates in a number of different modes. A simplex operating mode has an increased throughput using the two printing mechanisms. A duplex operating mode has the sheet material supplied from the input section and the first printing mechanism (D1). The material from the first transfer transport path (44) is supplied across a connecting duct (48) to the second transfer transport path (46) of the second printer (D2), for printing the rear side of the material.

Abstract (de)

Beschrieben wird ein Verfahren, bei dem in einem Drucker zwei gleichartige Druckwerke (D1,D2) blattförmiges Material bedrucken. Bei einer ersten Simplex-Betriebsart mit erhöhtem Durchsatz werden den Druckwerken wechselweise blattförmiges Material zugeführt. Bei einer ersten Duplex-Betriebsart werden beide Seiten eines blattförmigen Materials durch einen der beiden Druckwerke bedruckt. <IMAGE>

IPC 1-7

G03G 15/00

IPC 8 full level

G03G 21/00 (2006.01); **B65H 29/60** (2006.01); **G03G 15/00** (2006.01); **G03G 15/23** (2006.01); **G03G 21/14** (2006.01)

CPC (source: EP US)

G03G 15/00 (2013.01 - EP US); **G03G 15/23** (2013.01 - EP US); **G03G 15/231** (2013.01 - EP US); **G03G 2215/00021** (2013.01 - EP US)

Citation (search report)

- [XD] US 4591884 A 19860527 - MIYAMOTO KOICHI [JP], et al
- [XD] US 5208640 A 19930504 - HORIE KIYOSHI [JP], et al
- [AD] US 5150167 A 19920922 - GONDA TAKASHI [JP], et al
- [AD] DE 3422942 A1 19850110 - CANON KK [JP]

Cited by

DE102007008153A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9818054 A1 19980430; CA 2269811 A1 19980430; CA 2269811 C 20051213; DE 19781182 B4 20100610; DE 19781182 D2 19990909; DE 59707176 D1 20020606; EP 0957409 A1 19991117; EP 1008017 A1 20000614; EP 1008017 B1 20020502; JP 2001502815 A 20010227; JP 4253690 B2 20090415; US 6101364 A 20000808

DOCDB simple family (application)

DE 9702466 W 19971022; CA 2269811 A 19971022; DE 19781182 T 19971022; DE 59707176 T 19971022; EP 97947019 A 19971022; EP 99113944 A 19971022; JP 51884198 A 19971022; US 28491899 A 19990604