

Title (en)
Continuous print web inverter

Title (de)
Wendeeinrichtung für bandförmige Aufzeichnungsträger

Title (fr)
Dispositif d'inversion d'un substrat d'enregistrement en forme de bande

Publication
EP 0697634 A1 19960221 (DE)

Application
EP 94112973 A 19940819

Priority
EP 94112973 A 19940819

Abstract (en)
Paper reversal mechanism for belt feed printer device (10) has adjacent paper inflow (30) and outflow (31). First angled roller or fixed cylinder (32) deviates paper run to vertical reversal roller or guide (34), thence to second vertical roller (36) and finally to inclined deviating roller (37). Paper threading mechanism is by gripping device (46) with friction pad (49) positioned adjacent to inclined deviating rollers (32,37).

Abstract (de)
Innerhalb einer multifunktionalen elektrografischen Druckeinrichtung zum Bedrucken von bandförmigen Aufzeichnungsträgern (10) im Simplex- und Duplexdruck ist eine Wendeeinrichtung mit W-förmiger Anordnung der Umlenkelemente und einer automatischen Einfädelvorrichtung (46, 49) für den Aufzeichnungsträger (10) angeordnet. <IMAGE>

IPC 1-7
G03G 15/00

IPC 8 full level
B41J 13/00 (2006.01); **B41J 15/04** (2006.01); **B65H 15/00** (2006.01); **B65H 23/32** (2006.01); **G03G 15/00** (2006.01); **G03G 15/23** (2006.01)

CPC (source: EP US)
B65H 23/32 (2013.01 - EP US); **G03G 15/237** (2013.01 - EP US); **G03G 15/6526** (2013.01 - EP US); **B65H 2301/522** (2013.01 - EP US); **B65H 2406/111** (2013.01 - EP US); **G03G 2215/00438** (2013.01 - EP US); **G03G 2215/00459** (2013.01 - EP US); **G03G 2215/00586** (2013.01 - EP US); **G03G 2215/00924** (2013.01 - EP US)

Citation (search report)
• [A] EDWARD C. MCIRVINE: "METHOD FOR DUPLEX PRINTING ON CONTINUOUS PAPER", XEROX DISCLOSURE JOURNAL, vol. 9, no. 3, May 1984 (1984-05-01), STAMFORD, CONN US, pages 201 - 203, XP002100718
• [AD] K. SANDERS: "TWO-PATH ELECTROPHOTOGRAPHIC PRINT PROCESS", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 22, no. 6, November 1979 (1979-11-01), NEW YORK US, pages 2465 - 2466
• [A] PATENT ABSTRACTS OF JAPAN vol. 17, no. 191 (M - 1396) 14 April 1993 (1993-04-14)

Cited by
DE19827254A1; DE19827254B4; US6027003A; DE19506524A1; WO9718951A3; WO0170609A1; US6820839B2; US6695250B2

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
EP 0697634 A1 19960221; **EP 0697634 B1 19960417**; DE 59400220 D1 19960523; JP H0858169 A 19960305; US 5568245 A 19961022

DOCDB simple family (application)
EP 94112973 A 19940819; DE 59400220 T 19940819; JP 20887495 A 19950816; US 46524995 A 19950605