

Title (en)

Apparatus and method for diverting printed sheets

Title (de)

Vorrichtung und Verfahren zum Umlenken von Bedruckstoffbogen

Title (fr)

Dispositif et procédé pour dévier des feuilles imprimées

Publication

EP 1055625 B1 20060412 (DE)

Application

EP 00108073 A 20000425

Priority

US 31763499 A 19990525

Abstract (en)

[origin: EP1055625A2] The second speeding sector (112) has a drive (120,122) with pre-set contact area (124) to make friction contact with the pri signatures and divert them sideways and the general feed sector includes a transport belt (106) for feeding the printed sheet as interleaved flow. The sheets are fed in synchronism to the feed sector by an underneath belt (118) forming part of the drive (120,122). Specifically the speeding sector (112) offers two belts (120,122) whose raised sector (124) or sectors (124) form the contact area. The belts and sector (112) complete a transport section (114) to move the sheets on at an angle to the first secto (104) and whose sector (116) further angles the sheets relative the line of sector (114), using an angle complementary to the an of sector (114).

IPC 8 full level

B41F 13/56 (2006.01); **B65H 29/06** (2006.01); **B65H 9/10** (2006.01); **B65H 29/12** (2006.01); **B65H 29/58** (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP US)

B65H 9/103 (2013.01 - EP US); **B65H 29/6654** (2013.01 - EP US); **B65H 2301/34112** (2013.01 - EP US); **B65H 2301/44316** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1055625 A2 20001129; **EP 1055625 A3 20040303**; **EP 1055625 B1 20060412**; AT E323055 T1 20060415; DE 10020153 A1 20001130; DE 50012550 D1 20060524; JP 2001002299 A 20010109; US 6155560 A 20001205

DOCDB simple family (application)

EP 00108073 A 20000425; AT 00108073 T 20000425; DE 10020153 A 20000425; DE 50012550 T 20000425; JP 2000153546 A 20000524; US 31763499 A 19990525