

Title (en)

METHOD FOR SYNCHRONIZING A NUMBER OF PAPER FEEDING CHANNELS OF A PAPER PROCESSING SYSTEM

Title (de)

VERFAHREN ZUR SYNCHRONISATION MEHRERER PAPIERZUFÜHRENDER KANÄLE EINER PAPIERVERARBEITENDEN ANLAGE

Title (fr)

PROCEDE POUR SYNCHRONISER PLUSIEURS CANAUX D'ALIMENTATION DE PAPIER DANS UNE MACHINE DE TRANSFORMATION DU PAPIER

Publication

EP 1324941 B1 20040728 (DE)

Application

EP 01971947 A 20010822

Priority

- DE 10050438 A 20001012
- EP 0109675 W 20010822

Abstract (en)

[origin: US2003112479A1] The invention relates to a method for automatically synchronizing a number of paper feeding channels of an inserting system involving the following steps: a) inspecting the sheets provided for output in one of the channels by comparing their group sequence number and their sheet sequence number with predetermined reference values; b) outputting the inspected sheets from this channel if their group sequence number and sheet sequence number correspond with the set reference values; c) inspecting the additional sheets provided for output in one or more additional channels if the group sequence number or the sheet sequence number of a previously inspected sheet does not correspond with the set reference values; d) outputting the sheets from the additional channels if their group sequence number and sheet sequence number correspond with the set reference values, and; e) identifying a group as a defective group and outputting the sheet with the smallest group sequence number and with the smallest sheet sequence number if none of the inspected sheets have the set reference group sequence number and reference sheet sequence number.

IPC 1-7

B65H 39/00

IPC 8 full level

B43M 3/04 (2006.01); **B65H 39/00** (2006.01); **B65H 39/06** (2006.01)

CPC (source: EP US)

B43M 3/04 (2013.01 - EP US); **B65H 39/06** (2013.01 - EP US); **B65H 2301/4311** (2013.01 - EP US); **B65H 2511/40** (2013.01 - EP US); **B65H 2511/415** (2013.01 - EP US); **B65H 2511/512** (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 TR

DOCDB simple family (publication)

US 2003112479 A1 20030619; **US 7198260 B2 20070403**; AT E272019 T1 20040815; DE 10050438 C1 20020117; DE 50103037 D1 20040902; EP 1324941 A1 20030709; EP 1324941 B1 20040728; ES 2223922 T3 20050301; WO 0230798 A1 20020418

DOCDB simple family (application)

US 14897402 A 20021016; AT 01971947 T 20010822; DE 10050438 A 20001012; DE 50103037 T 20010822; EP 0109675 W 20010822; EP 01971947 A 20010822; ES 01971947 T 20010822