

Title (en)

METHOD FOR ADJUSTING AT LEAST ONE BRAKE ELEMENT OF A SHEET BRAKE, AND USE OF AN UNPRINTED SECTION OF A PRINT SUBSTRATE FOR DECELERATING THE PRINT SUBSTRATE

Title (de)

VERFAHREN ZUM EINSTELLEN ZUMINDEST EINES BREMSELEMENTES EINER BOGENBREMSE, UND VERWENDUNG EINES DRUCKFREIEN ABSCHNITTES EINES BEDRUCKSTOFFES ZUM VERZÖGERN DES BEDRUCKSTOFFES DURCH EIN BREMSELEMENT

Title (fr)

PROCÉDÉ DE RÉGLAGE D'AU MOINS UN ÉLÉMENT DE FREINAGE D'UN FREIN DE FEUILLES ET UTILISATION D'UNE PARTIE NON IMPRIMÉE D'UNE MATIÈRE À IMPRIMER POUR EFFECTUER UNE DÉCÉLÉRATION DE LA MATIÈRE À IMPRIMER

Publication

EP 3013722 B1 20200318 (DE)

Application

EP 14806329 A 20141204

Priority

- DE 102013224803 A 20131204
- EP 2014076644 W 20141204

Abstract (en)

[origin: WO2015082647A2] The invention relates to a delivery for a sheet-processing machine having a sheet brake (5) having at least one adjustable brake element, wherein a control apparatus provides an adjustment for the brake element in dependence on at least one piece of information for covering a sheet (1) with a medium, to a method for adjusting at least one brake element of a sheet brake, and to a use of an unprinted section of a print stock for delaying the print stock. The problem addressed by the invention is the further improving of the braking process of sheets in the delivery of a sheet processing machine. This problem is solved according to the invention in that the adjustment for the brake element comprises the use of a region which is at least partially covered by a medium and extends in a sheet travel direction (STD) from the sheet front edge to the sheet rear edge over a sub-region of the sheet width.

IPC 8 full level

B65H 29/68 (2006.01); **B41F 13/016** (2006.01); **B41F 13/70** (2006.01); **B41F 33/00** (2006.01); **B41J 11/42** (2006.01); **B65H 43/00** (2006.01)

CPC (source: EP)

B41F 13/70 (2013.01); **B65H 29/686** (2013.01); **B65H 43/00** (2013.01); **B65H 2406/122** (2013.01); **B65H 2406/365** (2013.01); **B65H 2511/11** (2013.01); **B65H 2511/413** (2013.01); **B65H 2515/10** (2013.01); **B65H 2515/20** (2013.01); **B65H 2515/34** (2013.01); **B65H 2801/15** (2013.01); **B65H 2801/21** (2013.01)

Citation (examination)

- DE 69915198 T2 20041014 - KOMORI CORP [JP]
- DE 10134836 A1 20020221 - HEIDELBERGER DRUCKMASCH AG [DE]
- DE 19715964 C1 19981119 - ROLAND MAN DRUCKMASCH [DE]
- US 6626429 B2 20030930 - HAUCK AXEL [DE]

Citation (opposition)

Opponent : Manroland Sheetfed GmbH

- EP 2135740 A2 20091223 - MANROLAND AG [DE]
- DE 102012206928 A1 20121031 - KOENIG & BAUER AG [DE]
- DE 19715964 C1 19981119 - ROLAND MAN DRUCKMASCH [DE]
- DE 19707414 A1 19980827 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015082647 A2 20150611; **WO 2015082647 A3 20151029**; DE 102014224945 A1 20150702; EP 3013722 A2 20160504; EP 3013722 B1 20200318

DOCDB simple family (application)

EP 2014076644 W 20141204; DE 102014224945 A 20141204; EP 14806329 A 20141204