

Title (en)

Method of transporting sheets in a digital printing machine

Title (de)

Verfahren zum Transport von Bogen in eine digitale Druckmaschine

Title (fr)

Procédé pour transporter des feuilles dans une machine d'impression digitale

Publication

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Application

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Abstract (en)

The invention relates to a method of transporting sheets in a digital printing machine. The invention is characterized in that an individual sheet in a transport loop can essentially be negatively accelerated and essentially be positively accelerated. Further, the invention relates to a device for transporting a sheet, in particular after a sheet has been picked off a stack and separated. In accordance with the invention, this object is achieved in that the sheet is continuously accelerated from a stopped state to a transport speed.

IPC 8 full level

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Citation (applicant)

- EP 1470925 A1 20041027 - OKI DATA KK [JP]
- EP 0807862 A2 19971119 - CANON KK [JP]
- US 6533264 B1 20030318 - TRANQUILLA MICHAEL N [US]
- DE 10234629 A1 20040219 - NEXPRESS SOLUTIONS LLC [US]
- DE 10338949 A1 20050428 - NEXPRESS SOLUTIONS LLC [US]
- DE 19607826 A1 19960912 - EASTMAN KODAK CO [US]
- US 5634634 A 19970603 - DOBBERTIN MICHAEL T [US], et al

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