

Title (en)

Device and method for feeding flat printed products

Title (de)

Vorrichtung und Verfahren zum Transportieren flacher Druckprodukte

Title (fr)

Dispositif et méthode pour transporter des produits plats imprimés

Publication

EP 0827930 A1 19980311 (DE)

Application

EP 97113441 A 19970804

Priority

US 70751896 A 19960904

Abstract (en)

The machine comprises a conveyer unit (10) for transportation of a printed sheet bearing a typographical signature. The conveyer unit has a number of arms (18) each with a grip (23) moved by the signatures (5,6). When each arm makes a rotary movement, the grip dip into the vacant transport assembly (10) belt sections (14) to lift the leading edge of the respective signature. The system reduces the difference in speed between the cutting cylinder surface and the related conveyer belt. The gap is minimised between adjacent signatures caused by the braking effect. The grip provides a reliable means of lifting signatures as they rise from the belt.

Abstract (de)

Die vorliegende Erfindung sieht eine Transporteinrichtung (10) für flache Druckprodukte, insbesondere für Signaturen vor. Eine Vielzahl von Armen (18), welche jeweilige Greifvorrichtungen (23) aufweisen, sind der Transporteinrichtung zugeordnet, von welcher die Signaturen (5, 6) bewegt werden. Bei einer rotierenden Drehbewegung der Arme (18) tauchen die Greifvorrichtungen in nicht-erhabene Teile (14) eines Elementes der Transporteinrichtung ein, um die Vorderkante der jeweiligen Signaturen zu ergreifen. <IMAGE>

IPC 1-7

B65H 29/06; **B65H 29/12**; **B65H 35/00**

IPC 8 full level

B65H 29/06 (2006.01); **B65H 29/12** (2006.01); **B65H 35/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [DA] US 5452886 A 19950926 - COTE KEVIN L [US], et al
- [DA] US 4767112 A 19880830 - KOEBLER INGO [DE]
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- [A] EP 0292458 A1 19881123 - PMB VECTOR AB [SE]

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