

Title (en)

Device for feeding flat products to a processing device for printed products

Title (de)

Vorrichtung zum Zubringen von flächigen Erzeugnissen zu einer Verarbeitungseinrichtung für Druckereiprodukte

Title (fr)

Dispositif pour l'alimentation d'articles plats à un dispositif de traitement de produits imprimés

Publication

EP 0675062 B1 19971217 (DE)

Application

EP 95100936 A 19950125

Priority

CH 88794 A 19940324

Abstract (en)

[origin: EP0675062A1] The device has several clamps (12) attached by a support arm (30) and guide member (66) to revolving elements (28) which are driven along a closed revolving path and are mounted spaced behind each other in the revolving direction (U). The support arm and guide member are controlled separately by a control device in order to swivel the clamps about the attachment on the support arm independently of the movement of the latter. During each movement past a supply station (16) the clamps seize a product (18) moving it to a transfer area (20) where it is delivered to the processing device (22). At the supply station (16) the control device moves the support arm in a direction opposite the revolving direction to reduce the relative speed between clamp and product being seized. <IMAGE>

IPC 1-7

B65H 5/12; B65H 39/065

IPC 8 full level

B41J 13/22 (2006.01); **B65H 5/12** (2006.01); **B65H 29/06** (2006.01); **B65H 29/40** (2006.01); **B65H 39/065** (2006.01)

CPC (source: EP US)

B65H 5/12 (2013.01 - EP US); **B65H 39/065** (2013.01 - EP US); **B65H 2405/531** (2013.01 - EP US); **B65H 2405/5832** (2013.01 - EP US); **Y10T 156/1768** (2015.01 - EP US); **Y10T 156/1773** (2015.01 - EP US); **Y10T 156/178** (2015.01 - EP US)

Cited by

EP0967164A1; EP1112861A1; EP1050499A1; US6224050B1

Designated contracting state (EPC)

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EP 0675062 A1 19951004; **EP 0675062 B1 19971217**; AU 1488695 A 19951005; AU 681751 B2 19970904; CA 2145372 A1 19950925; CA 2145372 C 20030506; DE 59501115 D1 19980129; ES 2110790 T3 19980216; JP 3528062 B2 20040517; JP H0812153 A 19960116; US 5645679 A 19970708

DOCDB simple family (application)

EP 95100936 A 19950125; AU 1488695 A 19950316; CA 2145372 A 19950323; DE 59501115 T 19950125; ES 95100936 T 19950125; JP 8175795 A 19950314; US 40979295 A 19950323