

Title (en)

Device for absorbing energy during delivery of signatures

Title (de)

Vorrichtung zum Absorbieren von Energie während der Auslage von Signaturen

Title (fr)

Dispositif pour absorber de l'énergie pendant la sortie de cahiers

Publication

EP 0842884 A3 19980805 (DE)

Application

EP 97117933 A 19971016

Priority

US 74988996 A 19961118

Abstract (en)

[origin: US5730435A] The present invention is related to an apparatus for delivering flat products, such as signatures, in a folding apparatus of a rotary printing press. At least one fan wheel assembly has a plurality of fan blades separated from each other by fan wheel pockets. The fan wheel pockets are defined by surfaces of the fan blades. A first surface of each fan wheel pocket is configured to cause the signature to take on an energy dissipating state.

IPC 1-7

B65H 29/40

IPC 8 full level

B65H 29/40 (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)

B65H 29/40 (2013.01 - EP US); **B65H 29/68** (2013.01 - EP US)

Citation (search report)

- [DXAY] US 5180160 A 19930119 - BELANGER ROGER R [US], et al
- [Y] DE 19614863 A1 19961031 - HEIDELBERGER DRUCKMASCH AG [DE]
- [Y] FR 2664581 A1 19920117 - DASSAULT ELECTRONIQUE [FR]
- [DA] US 4522387 A 19850611 - LEUTHOLD KARL [DE]

Cited by

DE102012008475A1; US9193553B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 5730435 A 19980324; DE 59708250 D1 20021024; EP 0842884 A2 19980520; EP 0842884 A3 19980805; EP 0842884 B1 20020918; JP H10157902 A 19980616

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