

Title (en)

Device for forming a stream of sheets partially overlapping each other

Title (de)

Vorrichtung zum Bilden eines Bogenstroms von sich schuppenartig teilweise überdeckenden Bogen

Title (fr)

Dispositif pour former un courant de feuilles se recouvrant partiellement

Publication

EP 1155986 A3 20040114 (DE)

Application

EP 01110013 A 20010426

Priority

DE 10024018 A 20000516

Abstract (en)

[origin: EP1155986A2] The device has a rotatably driven feed roller (4) and a freely rotatable timing roller (6) above it, between which single incoming sheets can be acquired and transported with an existing sheet flow. The timing roller is raised and lowered in time with the machine's working cycle to enable arriving sheets to be inserted beneath the last sheet of the flow. Times of timing roller raising and/or lowering motions can be varied during a working cycle. The device has a rotatably driven feed roller (4) and a freely rotatable timing roller (6) above it, between which single incoming sheets can be acquired and transported with an already produced sheet flow, whereby the timing roller is raised and lowered in time with the working cycle of the machine to enable the incident sheet to be inserted beneath the last sheet of the existing flow. The time of the timing roller raising and/or lowering motion can be set variably during a working cycle.

IPC 1-7

B65H 5/24; **B65H 5/06**

IPC 8 full level

B65H 5/06 (2006.01); **B65H 5/24** (2006.01)

CPC (source: EP)

B65H 5/062 (2013.01); **B65H 5/24** (2013.01); **B65H 2404/1442** (2013.01); **B65H 2513/50** (2013.01); **B65H 2801/21** (2013.01)

Citation (search report)

- [XY] DE 2629347 A1 19770203 - POLYGRAPH LEIPZIG
- [Y] DE 29704796 U1 19970528 - ROLAND MAN DRUCKMASCH [DE]
- [X] DE 19755519 A1 19990617 - KOENIG & BAUER AG [DE]
- [X] DE 515215 C 19301224 - ROCKSTROH WERKE AKT GES
- [A] DE 2127757 A1 19711209 - NEBIOLO SPA
- [A] DE 4420186 A1 19951214 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

EP1520822A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1155986 A2 20011121; **EP 1155986 A3 20040114**; **EP 1155986 B1 20050803**; AT E301097 T1 20050815; DE 10024018 A1 20011122; DE 10024018 B4 20060524; DE 50106942 D1 20050908

DOCDB simple family (application)

EP 01110013 A 20010426; AT 01110013 T 20010426; DE 10024018 A 20000516; DE 50106942 T 20010426