Title (en)

Method for tearing printed paper fed in a continuous strip without lateral dragging holes and respective tearing and folding apparatus

Title (de)

Verfahren zum Abreissen von bedrucktem Endlospapier ohne Randlochung und entsprechende Abreiss- und Faltvorrichtung

Title (fr)

Méthode pour rompre du papier imprimé delivré sous forme d'une bande continue dépourvue de perforations latérales d'entraînement et appareil de rupture et de pliage correspondant

Publication

EP 0716036 A1 19960612 (EN)

Application

EP 94830571 A 19941209

Priority

EP 94830571 A 19941209

Abstract (en)

Tearing and folding apparatus for printed paper fed in a continuous strip comprising a device (1) for tearing the paper (5) along transversal perforations (15,16,17) by means of passing through two pair of rollers (10,11) rotating at different speeds. A third pair of friction rollers (25) provides for the dragging of the paper (5) and for the measurement of the advancement of the paper itself by means of an encoder (28). A sensor (26) communicates the passage of a transversal perforation (15) preceding the one to be torn (16) and, in that instant, begins the measurement of the linear development of the paper in order to allow for the closing of the pairs of rollers (10,11) so that the transversal perforation (16) is located between them. <IMAGE>

IPC 1-7

B65H 35/10

IPC 8 full level

B65H 35/10 (2006.01)

CPC (source: EP)

B65H 35/10 (2013.01)

Citation (search report)
- [Y] DE 3205801 A1 19830825 - BOEWE BOEHLER & WEBER KG MASCH [DE]
- [Y] FR 2624490 A1 19890616 - MARTIN GASTON [FR]
- [A] DE 1231100 B 19661222 - EBERHARD TILGER DIPL ING
- [A] EP 0479385 A1 19920408 - MESCHI IND GRAFICA [IT]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 18, no. 119 (M - 1567) 25 February 1994 (1994-02-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 335 (M - 1627) 24 June 1994 (1994-06-24)

Cited by

US8157141B2; EP1153834A1; EP1153833A1; CN116067875A; EP1468949A1

Designated contracting state (EPC)

BE CH DE DK FR GB LI NL SE

DOCDB simple family (publication)

EP 0716036 A1 19960612

DOCDB simple family (application)

EP 94830571 A 19941209