

Title (en)

Web cutting apparatus and method

Title (de)

Vorrichtung und Verfahren zum Schneiden einer Bahn

Title (fr)

Dispositif et méthode pour couper une bande

Publication

EP 1044915 A2 20001018 (EN)

Application

EP 00302774 A 20000331

Priority

- GB 9908825 A 19990416
- GB 9917572 A 19990728

Abstract (en)

A web cutting apparatus comprises an upstream web drive (18) for continuously feeding a web (16) to be cut into a web buffer (24). A downstream web drive (38) intermittently feeds the web (16) from the web buffer (24) to a cutting station (44). Measuring devices (36, 38) measure the length of the web (16) fed into and from the web buffer (24), and the length (Lb) of web in the buffer is calculated therefrom. A control device (28) responsive to information received from this calculation controls operation of the downstream web drive (38) and of the cutting station (44). Accurate cutting of the web is thereby possible irrespective of any variations in the speed of the web arriving at the cutting apparatus. <IMAGE>

IPC 1-7

B65H 35/00; **B65H 20/32**

IPC 8 full level

B41J 11/70 (2006.01); **B26D 1/18** (2006.01); **B26D 5/26** (2006.01); **B26D 5/30** (2006.01); **B65H 20/34** (2006.01); **B65H 23/04** (2006.01); **B65H 26/06** (2006.01); **B65H 35/04** (2006.01); **B65H 43/00** (2006.01)

CPC (source: EP)

B65H 20/34 (2013.01); **B65H 23/042** (2013.01); **B65H 35/04** (2013.01); **B65H 2511/11** (2013.01)

Cited by

WO2006034596A1; NL1019658C2; CN104163354A; US7739935B2; CN102583101A; US8820238B2; EP1842816A4; EP1498249A1; EP1479628A1; CN105631513A; US7430948B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1044915 A2 20001018; **EP 1044915 A3 20020605**; **EP 1044915 B1 20040428**; DE 60010171 D1 20040603; DE 60010171 T2 20050421; JP 2000327197 A 20001128

DOCDB simple family (application)

EP 00302774 A 20000331; DE 60010171 T 20000331; JP 2000114338 A 20000414