

Title (en)

Method and device for controlling events synchronous with a running web

Title (de)

Verfahren und Vorrichtung zur Steuerung von Ereignissen synchron zu einer bewegten Materialbahn

Title (fr)

Méthode et dispositif de commande des événements synchrone avec une bande en mouvement

Publication

EP 1553034 A3 20090429 (DE)

Application

EP 05000156 A 20050105

Priority

DE 102004001338 A 20040108

Abstract (en)

[origin: EP1553034A2] The method for the control of events synchronously to a moving material sheet (10) entails the sensing of the brightness and/or colour contrast differences of a sequence of marking patterns (3) applied to the material sheet for the purpose of identifying the marking pattern. The scanning of the marking pattern takes place through at least two linear-form sensors (2) consisting of several discrete sensor elements lying next to each other. The determined marking pattern is compared with a predetermined pattern and a control signal is sent out corresponding to the result of the comparison. An independent claim is included for a system to carry out the aforesaid method.

IPC 8 full level

B65H 23/188 (2006.01)

CPC (source: EP US)

B65H 23/1882 (2013.01 - EP US); **B65H 2511/512** (2013.01 - EP US); **B65H 2553/43** (2013.01 - EP US)

Citation (search report)

- [XA] US 2003136495 A1 20030724 - MILLER CHARLES PHILLIP [US], et al
- [XA] EP 1052108 A1 20001115 - GERBER SCIENT PRODUCTS INC [US]
- [A] US 6566670 B1 20030520 - BUISKER RAYMOND A [US], et al
- [A] DE 2926448 A1 19800110 - MOULTON SUCCESSORS

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1553034 A2 20050713; EP 1553034 A3 20090429; DE 102004001338 A1 20050804; US 2005200862 A1 20050915

DOCDB simple family (application)

EP 05000156 A 20050105; DE 102004001338 A 20040108; US 3144605 A 20050107