

Title (en)

Device for the synchronization of an operation cycle of a device with the sequence of movement of a material moved along a path and method for the use of this device

Title (de)

Vorrichtung zur Synchronisation eines Arbeitstaktes einer Einrichtung mit einem Bewegungsablauf eines entlang einer Bewegungsbahn bewegten Materials sowie Verfahren zur Verwendung dieser Vorrichtung

Title (fr)

Dispositif pour la synchronisation d'un cycle d'opération d'un dispositif avec une séquence de mouvement d'un matériau se déplaçant selon une direction donnée et méthode pour l'utilisation de ce dispositif

Publication

EP 1619154 A2 20060125 (DE)

Application

EP 05106286 A 20050711

Priority

DE 102004033660 A 20040712

Abstract (en)

The assembly to synchronize the movement of material (01) along a movement path (B) during a process cycle, e.g. paper through a printing press, uses a structure (03) on the material surface (02) which is scanned by an image sensor (06) in at least two discrete successive time points for an image. The image data (18) are passed to an evaluation unit (07) where the structure shift is detected through its movement, for signals (08,11) to be transmitted to synchronize the printing press clock generator (09) and the working of a line camera (12) or laser perforator.

IPC 8 full level

B65H 23/04 (2006.01)

CPC (source: EP)

B41F 13/025 (2013.01); **B41F 33/0081** (2013.01); **B65H 23/1882** (2013.01); **B41P 2233/52** (2013.01); **B65H 2511/135** (2013.01); **B65H 2511/512** (2013.01); **B65H 2513/50** (2013.01); **B65H 2553/414** (2013.01); **B65H 2553/416** (2013.01); **B65H 2553/42** (2013.01); **B65H 2553/45** (2013.01)

Citation (applicant)

- US 6715417 B2 20040406 - OKUDA TSUYOSHI [JP]
- JP H1038901 A 19980213 - FUTEC INC
- DE 3502406 A1 19860724 - MANNESMANN AG [DE], et al

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DE202010012725U1; EP2269824A1; EP2028144A3; EP2210839A3

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1619154 A2 20060125; **EP 1619154 A3 20070228**; **EP 1619154 B1 20100901**; AT E479621 T1 20100915; DE 102004033660 A1 20060209; DE 102004033660 B4 20080313; DE 502005010163 D1 20101014

DOCDB simple family (application)

EP 05106286 A 20050711; AT 05106286 T 20050711; DE 102004033660 A 20040712; DE 502005010163 T 20050711