

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 A3 20070228 (DE)

Application

EP 05106286 A 20050711

Priority

DE 102004033660 A 20040712

Abstract (en)

[origin: EP1619154A2] 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)

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Citation (search report)

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- [A] DE 19631747 A1 19970911 - OCE PRINTING SYSTEMS GMBH [DE]
- [A] US 2004030431 A1 20040212 - POPP ROBERT L [US], et al
- [A] EP 0579461 A1 19940119 - WIGGINS TEAPE GROUP LTD [GB]

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EP2269824A1; DE202010012725U1; EP2028144A3; EP2210839A3

Designated contracting state (EPC)

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