Title (en)

REGISTRATION SYSTEM FOR PHASING SIMULTANEOUSLY ADVANCING WEBS OF MATERIAL HAVING VARIABLE PITCH LENGTHS

Title (de)

REGISTRIERUNGSSYSTEM FÜR DIE PHASENLAGE GLEICHZEITIG GEFÖRDERTER MATERIALBAHNEN MIT VARIABLEN ABSCHNITTSLÄNGEN

Title (fr)

SYSTEME DE REPERAGE POUR ECHELONNER DES BANDES DE MATERIAU AVAN ANT SIMULTANEMENT ET A LONGUEURS DE PAS VARIABLES

Publication

EP 1040063 A1 20001004 (EN)

Application

EP 98965416 A 19981219

Priority

- US 9827135 W 19981219
- US 9723620 W 19971219

Abstract (en)

[origin: WO9932385A1] Disclosed is a registration system for phasing simultaneously advancing webs of material (30, 40) having variable pitch lengths comprising means for feeding a continuous target web (40) containing consecutively spaced target objects (42) along a path at a first velocity (V), the target web having a target web pitch length (L+P) between consecutive target objects; means for feeding a continuous controlled web (30) of material preprinted with consecutively spaced preprinted objects (22) along a path at a second velocit (Vc), the preprinted web having a controlled web pitch length (Lpp) between consecutive preprinted objects; means for adjusting the controlled web pitch length such that the controlled web pitch length is approximately equal to the taget web pitch length; detection means (34) for detecting a preselected feature of the controlled web; means for generating an error signal based upon the detection of the preselected feature of the controlled web; and means for adjusting the second velocity such that the preprinted objects are shifted toward the target objects on the target web.

IPC 1-7

B65H 23/188

IPC 8 full level

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CPC (source: EP KR)

A61F 13/15772 (2013.01 - EP); **B65H 23/188** (2013.01 - KR); **B65H 23/1886** (2013.01 - EP)

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DOCDB simple family (application)

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