Title (en)

Method and device for positioning several working units arranged spaced from each other along the path of a material web, especially a plastic film web

Title (de)

Verfahren und Vorrichtung zum Positionieren von mehreren, entlang einer Bewegungsstrecke einer Materialbahn, insbesondere einer Kunststofffolienbahn, mit Abstand zueinander angeordneten Bearbeitungsgeräten

Title (fr)

Procédé et dispositif de positionnement de plusieurs stations de travail disposées, espacées les unes des autres, le long du chemin de déplacement d'une bande de matériau, en particulier d'une bande de film plastique

Publication

EP 1008439 B1 20051228 (DE)

Application

EP 99120740 A 19991020

Priority

DE 19856648 A 19981209

Abstract (en)

[origin: EP1008439A1] Equipment (9) added in the intermittent-advance section of the track, is automatically and correctly located, when advancement stroke magnitude alters. An Independent claim is included for the corresponding system. This includes the additional equipment (9), a drive (12) with motor (13), displacement transducer and transmitter (22). Preferred features: A sensor, e.g. photocell, detects stroke departure from the desired value. The error is processed in a computer to a corrective magnitude. This is further processed in accordance with individual equipment spacing along the line, to determine individual adjustment path magnitudes required, to reach null locations. In the equipment, a rack and pinion or spindle drive is employed. An e.g. photocell (18) is connected to the controller. The processing unit standing at the null position (P0) is a plastic welder.

IPC 1-7

B31B 19/74

IPC 8 full level

B31B 19/74 (2006.01)

CPC (source: EP US)

B31B 70/00 (2017.07 - EP US); **B31B 70/006** (2017.07 - EP US); B31B 2160/10 (2017.07 - EP US)

Cited by

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1008439 A1 20000614; **EP 1008439 B1 20051228**; AT E314196 T1 20060115; DE 19856648 A1 20000615; DE 59912980 D1 20060202; ES 2256996 T3 20060716; NO 996033 D0 19991208; NO 996033 L 20000613; PT 1008439 E 20060531; US 6319182 B1 20011120

DOCDB simple family (application)

EP 99120740 A 19991020; AT 99120740 T 19991020; DE 19856648 A 19981209; DE 59912980 T 19991020; ES 99120740 T 19991020; NO 996033 A 19991208; PT 99120740 T 19991020; US 44177699 A 19991117