

Title (en)

A METHOD AND AN APPARATUS FOR PRODUCING MARKINGS ON A MOVING WEB

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG VON MARKIERUNGEN AUF EINER BEWEGLICHEN BAHN

Title (fr)

PROCÉDÉ ET APPAREIL DE PRODUCTION DE MARQUAGES SUR UNE TOILE MOBILE

Publication

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Application

EP 12874502 A 20120420

Priority

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Abstract (en)

[origin: WO2013156664A1] A method for producing markings (MRK1) on a moving web (WEB1) comprises: - moving the web (WEB1) in a longitudinal direction (SX), - delivering laser light (LB2) to a moving aiming point (SP2) by using a first beam steering body (100) and a second beam steering body (200) such that the position (x(t),y(t)) of the aiming point (SP2) depends on the angular orientation (a) of the first body (100) and on the angular orientation (beta) of the second body (200), - rotating the second body (200) from a first angular orientation (beta1) to a second angular orientation (beta2), the rotation from the first angular orientation (beta1) to the second angular orientation (beta2) defining a writing period (TA), wherein the rotation of the second body (200) during the writing period (TA) moves the aiming point (SP2) such that the average longitudinal velocity component (vx2) of the aiming point (SP2) is in the range of 50 to 150% of the velocity (v^ of the web (WEB1), - rotating the first body (100) such that the aiming point (SP2) crosses a longitudinal reference line (YREF) a plurality of times during the writing period (TA), and - controlling the intensity of the laser light (LB2) according to the angular orientation (a) of the first body (100) and according to the orientation (beta) of the second body (200).

IPC 8 full level

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