

Title (en)

Device for marking the back of a photographic print.

Title (de)

Vorrichtung zur Markierung der Rückseite eines photographischen Bildes.

Title (fr)

Dispositif de marquage au dos d'épreuves photographiques.

Publication

EP 0286548 A1 19881012 (FR)

Application

EP 88420093 A 19880318

Priority

FR 8704185 A 19870319

Abstract (en)

[origin: US4823163A] An apparatus for marking the back of a photographic proof with data corresponding to data on the corresponding negatives in a system where the negatives are on a film strip having at each negative an edge notch and the proofs are on a print strip having spaced cutouts comprises a film drive for advancing same from the upstream to the downstream drive roll past a read location. A sensor detects the film-advance speed and generates an output corresponding thereto. A print drive advances this strip past a write location. Another sensor detects the paper-advance speed and generates an output corresponding thereto. A controller is connected to at least one of the drives and to the sensors for synchronizing displacement of the strips past the respective locations such that each proof is at the write location generally when the respective negative is at the read location. Another detector generates an output each time a notch is in a predetermined position at the read location. Another read head at the read location triggered through the controller by the notch detector each time the exposure data of the respective negative is in the read location reads this data. Another detector generates an output each time a cutout is in a predetermined position at the write location. A write head at the write location triggered through the controller by the cutout detector each time the print is aligned with the write head marks the back of the print strip with the exposure data read by the read head on the respective negative.

Abstract (fr)

Dispositif de marquage, au dos (26) d'épreuves photographiques, de données portées sur les négatifs (2,25) correspondants, les négatifs (2,25) étant portés par un film (1) et chacun d'entre-eux étant marqué d'une encoche (7) lorsqu'il correspond à une photographie tirable, et les épreuves photographiques étant portées par une bande de tirage-papier (8) qui porte des perforations (12) marquant le début et la fin d'une épreuve. Sous commande d'une unité logique centrale (13), chaque détection (19) d'encoche entraîne la lecture numérique, par une caméra (21), de l'inscription portée sur le négatif. Cette inscription est ensuite retranscrite au dos (26) de l'épreuve par une tête d'écriture (28).

IPC 1-7

G03D 15/00; **G03B 27/52**

IPC 8 full level

B41J 25/20 (2006.01); **G03B 27/46** (2006.01); **G03B 27/52** (2006.01); **G03D 15/00** (2006.01)

CPC (source: EP US)

G03D 15/003 (2013.01 - EP US)

Citation (search report)

- [A] EP 0136980 A1 19850410 - GRETAG AG [CH]
- [A] FR 1570103 A 19690606
- [A] DE 2232934 A1 19740124 - SUEDCOLOR W KRUG KG
- [A] US 4088404 A 19780509 - ZAHN WOLFGANG, et al
- [A] DE 2501739 A1 19760722 - PHOTO MARKETING SYSTEMS CO
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EP0676665A3; US5860579A; EP0735420A1; EP0301397A3; US4996558A; EP0301397A2

Designated contracting state (EPC)

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DOCDB simple family (application)

FR 8704185 A 19870319; AT 88420093 T 19880318; CA 561128 A 19880310; DE 3866401 T 19880318; EP 88420093 A 19880318; ES 88420093 T 19880318; JP 6374388 A 19880318; US 17147688 A 19880321