

Title (en)

Device for automatically aligning a production copy image with a reference copy image in a printing press control system

Title (de)

Vorrichtung zum automatischen Ausrichten des Bildes eines Fortdruckexemplars zum Bild eines Referenzexemplars im Kontrollsystem einer Druckpresse

Title (fr)

Dispositif pour aligner automatiquement une image d'une copie de production avec une image d'une copie de référence dans un système de contrôle d'une machine d'impression

Publication

EP 0795400 A1 19970917 (EN)

Application

EP 96103875 A 19960312

Priority

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Abstract (en)

A device to align images for a printing press control system comprising, a device (22,34) for capturing a reference image (40) containing one or more image planes from a reference copy (38), a device for converting the reference image into a monochrome reference image, a device (22,34) for capturing a production image containing one or more image planes (16) from a production copy (14), a device for converting the production image into a monochrome production image, a device for defining at least one object model in the monochrome reference image, a device for identifying the position of at least one of the object models in the production image, a device for defining a transfer function which maps the position of the models in said monochrome production image to the position of the models in said monochrome reference image, and a device for applying the transfer function to each of the image planes of the production image, resulting in its alignment to the reference image. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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