Title (en)

MOBILE SCANNING AND PROCESSING DEVICE FOR CAPTURING RELIEF MATRIX CODES ON FLEXOGRAPHIC PRINTING PLATES AND ASSOCIATED METHOD

Title (de)

MOBILE ABTAST- UND VERARBEITUNGSVORRICHTUNG ZUR ERFASSUNG VON RELIEFMATRIXCODES AUF FLEXODRUCKPLATTEN UND ZUGEHÖRIGES VERFAHREN

Title (fr)

DISPOSITIF MOBILE DE BALAYAGE ET DE TRAITEMENT POUR CAPTURER DES CODES MATRICIELS EN RELIEF SUR DES PLAQUES D'IMPRESSION FLEXOGRAPHIQUE ET PROCÉDÉ ASSOCIÉ

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Application

EP 22703543 A 20220112

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Abstract (en)

[origin: WO2022152755A1] The invention relates to a mobile scanning and processing device (20) for the acquisition of matrix codes (14) formed as relief on flexographic printing plates (10) wherein the device comprises a light source (41) for emitting light to the matrix code (14) to be captured, a camera (35) to receive the light reflected by the matrix code (14), and a microprocessor (32) for decoding the matrix code (14) captured by the camera (35). In order to provide a possibility to capture matrix codes (14) on transparent flexographic printing plates, the light emitted by the light source (41) is aligned in parallel in such a way that it causes a reading contrast when it hits the levels of the relief of the matrix code (14).

IPC 8 full level

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CPC (source: EP)

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