

Title (en)

METHOD FOR GENERATING CONTROL DATA FOR MULTICOLOUR THERMAL DIRECT PRINTING

Title (de)

VERFAHREN ZUR ERSTELLUNG VON STEUERDATEN ZUM MEHRFARBIGEN THERMODIREKTD RUCK

Title (fr)

PROCÉDÉ DE GÉNÉRATION DES DONNÉES DE COMMANDE DESTINÉ À L'IMPRESSION DIRECTE THERMIQUE MULTICOLORE

Publication

**EP 4023448 A1 20220706 (DE)**

Application

**EP 20218029 A 20201231**

Priority

EP 20218029 A 20201231

Abstract (en)

[origin: US2022203703A1] A direct thermal printer prints on direct thermal printing paper, which has a thermo-reactive layer that can form two colors. A first color is formed at a first temperature, and a second at a second temperature, higher than the first. A printhead of the printer has heat sources arranged transversely to a paper path. Image data of an original image having at least the first color and the second color may be received. Control data may be created for the direct thermal printer for two-color printing of a print image. The control data has a plurality of print lines, and causes, for each print line for each heat source, either heating of the heat source to a printing temperature or no heating of the respectively heat source.

Abstract (de)

Die vorliegende Erfindung betrifft ein Verfahren zur Erstellung von Steuerdaten zum Betrieb eines Thermodirekt-Druckers zum Bedrucken von Thermodirekt-druck-Papier, wobei beim Druck in dem Thermodirekt-druck-Papier mehrere Farben ausgebildet werden.

IPC 8 full level

**B41J 2/32** (2006.01); **B41J 2/36** (2006.01)

CPC (source: EP US)

**B41J 2/32** (2013.01 - EP); **B41J 2/325** (2013.01 - US); **B41J 2/355** (2013.01 - EP US); **B41J 3/60** (2013.01 - US)

Citation (applicant)

- EP 1866161 B1 20141022 - ZINK IMAGING INC [US]
- EP 3175993 A1 20170607 - SEIKO EPSON CORP [JP]
- DE 60207488 T2 20060727 - SEIKO EPSON CORP [JP]
- DE 60036515 T2 20080626 - SEIKO EPSON CORP [JP]

Citation (search report)

- [XI] EP 1910086 A1 20080416 - ZINK IMAGING LLC [US]
- [XD] EP 3175993 A1 20170607 - SEIKO EPSON CORP [JP]
- [AD] DE 60036515 T2 20080626 - SEIKO EPSON CORP [JP]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 4023448 A1 20220706**; **EP 4023448 B1 20240605**; US 2022203703 A1 20220630

DOCDB simple family (application)

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