

Title (en)

Visual control device for exposed printing plates

Title (de)

Visuelle Kontrolleinrichtung für belichtete Druckplatten

Title (fr)

Dispositif de contrôle visuel des plaques d'impression exposées

Publication

EP 1577085 B1 20090701 (DE)

Application

EP 05101802 A 20050309

Priority

DE 102004013290 A 20040318

Abstract (en)

[origin: EP1577085A2] Visual control device on illuminated printing plates (5) for printing machines is applied onto the printing plate during illumination in the form of at least one control marking (3) consisting of two parallel strips (32, 33). One strip (32) shows the non-calibrated tone value course and the other strip (33) shows the calibrated defined half-tone value. At least the region in which the non-calibrated tone value course and the calibrated defined half-tone value visually agree is shown on the control marking. Independent claims are also included for: (1) Alternative visual control devices; (2) Printing plate comprising a control device; and (3) Printing plate comprising at least two different control devices.

IPC 8 full level

B41C 1/00 (2006.01); **G03F 5/00** (2006.01); **B41C 1/10** (2006.01); **B41N 1/00** (2006.01)

CPC (source: EP US)

B41C 1/1083 (2013.01 - EP US); **B41N 1/00** (2013.01 - EP US)

Cited by

CN105599442A; EP1832924A1; EP2826625B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1577085 A2 20050921; **EP 1577085 A3 20060111**; **EP 1577085 B1 20090701**; AT E435114 T1 20090715; CN 100480044 C 20090422; CN 1669791 A 20050921; DE 102004013290 A1 20050929; DE 502005007597 D1 20090813; JP 2005275402 A 20051006; JP 5296288 B2 20130925; US 2005206932 A1 20050922; US 7515301 B2 20090407

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EP 05101802 A 20050309; AT 05101802 T 20050309; CN 200510056379 A 20050318; DE 102004013290 A 20040318; DE 502005007597 T 20050309; JP 2005076244 A 20050317; US 8365405 A 20050318