

Title (en)

DEVICE AND METHOD FOR DETERMINING THE QUALITY OF ILLUSTRATIONS OF PRINTING PLATES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG DER QUALITÄT DER BEBILDERUNG VON DRUCKPLATTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER LA QUALITE DE LA FORMATION D'IMAGES DE PLAQUES D'IMPRESSION

Publication

EP 1718465 A2 20061108 (DE)

Application

EP 05701414 A 20050216

Priority

- EP 2005001547 W 20050216
- DE 102004009390 A 20040224

Abstract (en)

[origin: WO2005080079A2] The invention relates to a device and a method for determining the quality of illustrations of printing plates by means of an especially optoelectronic sensor for detecting a reference mark that is disposed inside or outside the printing area and comprises different reference fields. An evaluation unit is provided for evaluating the measured values determined by the sensor. The sensor is configured so as to detect at least two reference marks located on the printing plate. Each reference mark encompasses a combination of reference fields comprising at least one density step reference field and at least one structured reference field, or at least one reference mark comprises at least one density step reference field while at least one additional reference mark comprises at least one structured reference field.

IPC 8 full level

B41F 33/00 (2006.01)

CPC (source: EP US)

B41F 33/0027 (2013.01 - EP US)

Citation (search report)

See references of WO 2005080079A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005080079 A2 20050901; WO 2005080079 A3 20051208; DE 102004009390 A1 20050908; DE 102004009390 B4 20060406; EP 1718465 A2 20061108; US 2007208523 A1 20070906

DOCDB simple family (application)

EP 2005001547 W 20050216; DE 102004009390 A 20040224; EP 05701414 A 20050216; US 59046905 A 20050216