

Title (en)

METHOD AND DEVICE FOR TESTING OBJECTS TO BE TESTED IN THE PRODUCTION AND/OR PACKAGING OF CIGARETTES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PRÜFUNG VON BEI DER HERSTELLUNG UND/ODER VERPACKUNG VON ZIGARETTEN ZU PRÜFENDEN OBJEKTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR CONTROLER DES OBJETS DEVANT ETRE CONTROLES LORS DE LA FABRICATION ET/OU DE L'EMBALLAGE DE CIGARETTES

Publication

EP 2358597 A1 20110824 (DE)

Application

EP 09801401 A 20091210

Priority

- EP 2009008828 W 20091210
- DE 102008062370 A 20081217

Abstract (en)

[origin: WO2010069509A1] The present invention relates to a method and to a device for testing objects (24) to be tested (test objects) in the production and/or packaging of cigarettes, particularly of imprints and/or print substrates on or for cigarette packages or blanks for cigarette packages, wherein the at least one test object (24) is subjected to an optical test by means of a suitable light detector (31), particularly an optoelectronic test device such as a camera. The test object (24) and/or the test object background (11) is illuminated with light from a variable-wavelength lighting device (34), wherein the wavelength(s) of the light originating from the lighting device (34) is preferably automatically adjusted for improving the contrast between the test object (24) and the test object background (11), preferably depending on the packaging type (10) to be produced and/or depending on at least one characteristic of the test object (24) and/or depending on at least one characteristic of the test object background (11).

IPC 8 full level

B65B 19/28 (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP)

B65B 19/28 (2013.01); **B65B 57/00** (2013.01); **B65B 61/26** (2013.01)

Citation (search report)

See references of WO 2010069509A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102008062370 A1 20100624; CN 102256876 A 20111123; CN 102256876 B 20130925; EP 2358597 A1 20110824; EP 2358597 B1 20120905; EP 2358597 B2 20160914; JP 2012512401 A 20120531; JP 5717648 B2 20150513; WO 2010069509 A1 20100624; WO 2010069509 A8 20100910

DOCDB simple family (application)

DE 102008062370 A 20081217; CN 200980150757 A 20091210; EP 09801401 A 20091210; EP 2009008828 W 20091210; JP 2011541168 A 20091210