

Title (en)

Method and device for checking of packages (for cigarettes) relating to the correct position of banderoles

Title (de)

Verfahren und Vorrichtung zur Überprüfung von (Zigaretten-) Packungen hinsichtlich korrekter Positionierung von Banderolen

Title (fr)

Procédé et dispositif pour contrôler des emballages (pour cigarettes) concernant la position correcte de banderoles

Publication

EP 1026082 A3 20020717 (DE)

Application

EP 00100608 A 20000113

Priority

DE 19904671 A 19990204

Abstract (en)

[origin: EP1026082A2] The packets (10) are provided with two reference points or zones (19,20) on one edge (17) of the revenue stamp (11). As the packets move along a conveyor these are monitored by sensors to determine whether or not stamp edge is correctly positioned. This can be done by checking the relative distance of the points to the sensors or from the contrast between the surfaces of stamp and packet

IPC 1-7

B65B 57/02

IPC 8 full level

B65B 57/00 (2006.01); **B65B 19/02** (2006.01); **B65B 19/28** (2006.01); **B65B 57/02** (2006.01); **B65C 9/40** (2006.01); **G01B 11/00** (2006.01)

CPC (source: EP US)

B65B 19/28 (2013.01 - EP US); **B65B 57/02** (2013.01 - EP US); **B65C 9/40** (2013.01 - EP US); **B65C 2009/407** (2013.01 - EP US)

Citation (search report)

- [XY] US 4053056 A 19771011 - DAY JOHN HERBERT
- [XA] US 4972494 A 19901120 - WHITE KENNETH W [US], et al
- [XA] EP 0299316 A2 19890118 - AGFA GEVAERT AG [DE]
- [YA] DE 4441245 A1 19960523 - KRONSEDER MASCHF KRONES [DE]
- [A] EP 0314521 A2 19890503 - PHILIP MORRIS [US]
- [A] DE 4016150 A1 19911121 - ZWECKFORM ETIKETTIERTECHNIK [DE]
- [A] EP 0523441 A1 19930120 - EASTMAN KODAK CO [US]

Cited by

ITBO20120284A1; ITBO20130404A1; EP1770015A3; US8577122B2; US8591422B2; WO2009132752A1; WO2015011684A1; WO2015128794A1; EP3110702B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1026082 A2 20000809; EP 1026082 A3 20020717; EP 1026082 B1 20041103; BR 0000257 A 20000912; CN 1236960 C 20060118;
CN 1262208 A 20000809; DE 19904671 A1 20000810; DE 50008454 D1 20041209; JP 2000238729 A 20000905; US 6564527 B1 20030520

DOCDB simple family (application)

EP 00100608 A 20000113; BR 0000257 A 20000203; CN 00102204 A 20000204; DE 19904671 A 19990204; DE 50008454 T 20000113;
JP 2000025384 A 20000202; US 49673700 A 20000202