

Title (en)

Device and method for the automatic inspection of goods passing by in a mainly single-layered flux

Title (de)

Vorrichtung und Verfahren zur automatischen Inspektion von Gegenständen, die vornehmlich in einem einlagigen Fluss defilieren

Title (fr)

Dispositif et procédé d'inspection automatique d'objets défilant en flux sensiblement monocouche

Publication

EP 1243350 B1 20070207 (FR)

Application

EP 02360092 A 20020318

Priority

FR 0103700 A 20010319

Abstract (en)

[origin: FR2822235A1] A detection post includes an electromagnetic light source and a receiver for periodic scanning along a detection line so that any reflected light is detected. Illumination plane and scanning plane are effectively in the same common plane, which is inclined relative to the perpendicular to the conveyor belt plane (Pc). An Independent claim is included for an inspection method.

IPC 8 full level

B07C 5/342 (2006.01); **G01N 21/35** (2014.01); **G01N 21/3563** (2014.01); **G01N 21/359** (2014.01)

CPC (source: EP US)

B07C 5/342 (2013.01 - EP US); **B07C 5/3422** (2013.01 - EP US); **B07C 5/368** (2013.01 - EP US)

Cited by

FR3112295A1; WO2017149230A1; WO2022008709A1; CN108778532A; EP2001609A4; EP2110187A1; FR3009212A1; AU2021306651B2; WO2018211023A1; US11084063B2; US8421856B2; US8874257B2; FR3140782A1; WO2024083738A1; WO2015015105A1; EP3808461A1; FR3101792A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1243350 A1 20020925; EP 1243350 B1 20070207; AT E353253 T1 20070215; AU 2002247822 B2 20060824; CA 2442737 A1 20020926; CA 2442737 C 20100209; DE 02360092 T1 20040422; DE 60217985 D1 20070322; DE 60217985 T2 20080228; ES 2206085 T1 20040516; ES 2206085 T3 20070916; FR 2822235 A1 20020920; FR 2822235 B1 20041022; JP 2004529334 A 20040924; JP 4203319 B2 20081224; US 2004095571 A1 20040520; US 7113272 B2 20060926; WO 02074457 A1 20020926

DOCDB simple family (application)

EP 02360092 A 20020318; AT 02360092 T 20020318; AU 2002247822 A 20020318; CA 2442737 A 20020318; DE 02360092 T 20020318; DE 60217985 T 20020318; ES 02360092 T 20020318; FR 0103700 A 20010319; FR 0200949 W 20020318; JP 2002573160 A 20020318; US 47214503 A 20030922