

Title (en)

METHOD AND DEVICE FOR DETECTING THE STATE OF A BELT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG DES ZUSTANDES EINES BANDES

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTECTION DE L'ÉTAT D'UNE BANDE

Publication

**EP 2304105 B1 20111207 (DE)**

Application

**EP 09769163 A 20090617**

Priority

- EP 2009057509 W 20090617
- DE 102008002658 A 20080626

Abstract (en)

[origin: WO2009156314A1] The invention relates to a method for identifying the state of a belt, especially of a steel belt, originally having an at least substantially closed surface, of a machine for manufacturing and / or treating a fiber furnish web, particularly a paper or cardboard web and, in particular, for the purpose of identifying cracks in the belt. For this method, the belt, circulating in the production machine, is monitored online by means of the least one optoelectronic detector with at least one light emitter, acting upon the circulating belt with light, and with at least one light receiver, receiving the light affected by the circulating belt, for the condition of the belt or for cracks.

IPC 8 full level

**D21G 1/00** (2006.01); **D21G 7/00** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP)

**D21F 7/00** (2013.01); **D21G 1/006** (2013.01); **D21G 1/0066** (2013.01); **D21G 9/0009** (2013.01)

Cited by

DE102020006637A1; WO2022089821A1; EP3858590A1; DE102020000570A1

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 TR

DOCDB simple family (publication)

**DE 102008002658 A1 20091231**; AT E536440 T1 20111215; CN 102066662 A 20110518; CN 102066662 B 20130206;  
EP 2304105 A1 20110406; EP 2304105 B1 20111207; WO 2009156314 A1 20091230

DOCDB simple family (application)

**DE 102008002658 A 20080626**; AT 09769163 T 20090617; CN 200980124047 A 20090617; EP 09769163 A 20090617;  
EP 2009057509 W 20090617