

Title (en)

SAFETY/SECURITY SYSTEM FOR A GLAZING ASSEMBLY AND METHOD FOR DETECTING MECHANICAL OR THERMAL STRESS ON A PLANAR GLAZING ELEMENT

Title (de)

SICHERHEITSSYSTEM FÜR EINE VERGLASUNGSANORDNUNG UND VERFAHREN ZUR ERFASSUNG EINER MECHANISCHEN ODER THERMISCHEN BEANSPRUCHUNG EINES FLÄCHIGEN VERGLASUNGSELEMENTS

Title (fr)

SYSTÈME DE SÉCURITÉ POUR ENSEMBLE DE VITRAGE ET PROCÉDÉ DE DÉTECTION D'UNE SOLlicitATION MÉCANIQUE OU THERMIQUE D'UN ÉLÉMENT DE VITRAGE PLAN

Publication

EP 2668643 B1 20151209 (DE)

Application

EP 12703003 A 20120124

Priority

- DE 102011003073 A 20110124
- EP 2012051057 W 20120124

Abstract (en)

[origin: WO2012101126A1] The invention relates to a glazing assembly (10) with a safety/security function, comprising a planar glazing element (20) and an optical waveguide structure (30) with an optical filter element (32). The optical waveguide structure (30) is mechanically connected to the glazing element (20) in order to effect a change to an optical characteristic of the optical waveguide structure (30) when the planar glazing element (20) is exposed to mechanical stress and in addition in order to effect a change to an optical characteristic of the optical waveguide structure (30) when the planar glazing element (20) is exposed to thermal stress.

IPC 8 full level

G08B 13/04 (2006.01)

CPC (source: EP)

G08B 13/04 (2013.01)

Cited by

CN110714505A

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011003073 A1 20120726; DE 102011003073 B4 20130502; EP 2668643 A1 20131204; EP 2668643 B1 20151209; WO 2012101126 A1 20120802

DOCDB simple family (application)

DE 102011003073 A 20110124; EP 12703003 A 20120124; EP 2012051057 W 20120124