

Title (en)
COMPOSITE FIREPROOF GLASS AND MANUFACTURING METHOD THEREOF

Title (de)
ZUSAMMENGESETZTES FEUERFESTES GLAS UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
VERRE IGNIFUGE COMPOSITE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 2808163 B1 20171227 (EN)

Application
EP 12874187 A 20120411

Priority
CN 2012073810 W 20120411

Abstract (en)
[origin: EP2808163A1] The invention provides a compound fireproof glass, a method for manufacturing a compound fireproof glass, and a curtain. The compound fireproof glass of the invention comprises: a first glass substrate; a second glass substrate provided in parallel with the first glass substrate; a connecting portion connected with the first glass substrate and the second glass substrate; a cavity provided between the first glass substrate and the second glass substrate; wherein the compound fireproof glass further comprises: a thermal expansion portion which is an approximately uniformly distributed structure made from a thermal expansion material, and partially fills the cavity. The compound fireproof glass according to the invention has superior fireproof performance, light weight and high transmittance.

IPC 8 full level
B32B 17/06 (2006.01); **E06B 3/54** (2006.01); **E06B 5/16** (2006.01); **E06B 9/264** (2006.01)

CPC (source: EP)
E06B 3/5409 (2013.01); **E06B 5/165** (2013.01); **E06B 2009/2643** (2013.01)

Citation (examination)
• DE 102008062333 A1 20100617 - SCHOTT AG [DE]
• EP 0721047 A1 19960710 - NIEMANN HANS DIETER [DE]

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)
EP 2808163 A1 20141203; **EP 2808163 A4 20150401**; **EP 2808163 B1 20171227**; WO 2013152484 A1 20131017

DOCDB simple family (application)
EP 12874187 A 20120411; CN 2012073810 W 20120411