

Title (en)

INSULATING LAYER-FORMING COMPOSITION AND THE USE THEREOF

Title (de)

DÄMMSCHICHTBILDENDE ZUSAMMENSETZUNG UND DEREN VERWENDUNG

Title (fr)

COMPOSITION FORMANT UNE COUCHE ISOLANTE ET UTILISATION DE LADITE COMPOSITION

Publication

EP 2935469 A1 20151028 (DE)

Application

EP 13807968 A 20131211

Priority

- DE 102012223514 A 20121218
- EP 2013076213 W 20131211

Abstract (en)

[origin: WO2014095516A1] The invention relates to an insulating layer-forming composition, which contains an epoxy thiol-ene based binding agent. The composition according to the invention, the expansion rate of which is relatively high, enables coatings to be applied in the layer thickness required for the fire-resistance time concerned in a simple and rapid manner, wherein the layer thickness can be reduced to a minimum and a high insulating effect can still be achieved. The composition according to the invention is especially suitable for fire protection control, more particularly as a coating of metallic and non-metallic substrates, for example steel components such as pillars, supports or frame members, for increasing the fire-resistance time.

IPC 8 full level

C09D 5/00 (2006.01)

CPC (source: EP US)

C08K 3/22 (2013.01 - US); **C08K 3/32** (2013.01 - US); **C08K 5/053** (2013.01 - EP US); **C08K 5/34922** (2013.01 - EP US); **C09D 5/185** (2013.01 - EP US); **C09D 133/14** (2013.01 - US); **C09K 21/14** (2013.01 - EP US); **C08F 222/103** (2020.02 - EP US); **C08K 2003/2241** (2013.01 - US); **C08K 2003/323** (2013.01 - US)

Citation (search report)

See references of WO 2014095516A1

Cited by

EP3699242A1; EP3699241A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102012223514 A1 20140618; EP 2935469 A1 20151028; RU 2015129307 A 20170126; US 2015337160 A1 20151126; WO 2014095516 A1 20140626

DOCDB simple family (application)

DE 102012223514 A 20121218; EP 13807968 A 20131211; EP 2013076213 W 20131211; RU 2015129307 A 20131211; US 201314652670 A 20131211