

Title (en)

Cable which retains its function in a fire and installation set for an electric installation which retains its function in a fire

Title (de)

Brand-Funktionserhaltkabel und Installationssatz für eine elektrische Installation mit Funktionserhalt im Brandfall

Title (fr)

Câble de fonctionnement continu en cas d'incendie et ensemble d'installation pour une installation électrique dotée d'un fonctionnement continu en cas d'incendie

Publication

EP 2385532 B1 20130306 (DE)

Application

EP 11002254 A 20110318

Priority

DE 102010014532 A 20100410

Abstract (en)

[origin: EP2385532A1] The cable i.e. flat cable (1), has high power current strands (2) e.g. phase conductor, extending parallel and adjacent to one another in a plane, where the cable with circuit integrity is provided as a flat cable. A fire resistant insulating material (4) is arranged between the current strands, and an insulating jacket (8) surrounds the current strands and fire resistant insulating material. The fire resistant insulating material comprises a fire resistant insulating layer (5), which partially surrounds the current strands, where the fire resistant insulating layer includes a mica layer. The high power current strands are selected from phase conductor, ground conductor and protective conductor. An independent claim is also included for an installation kit for an electrical installation with circuit integrity in case of fire, comprising a connection device.

IPC 8 full level

H01B 7/08 (2006.01)

CPC (source: EP US)

H01B 7/295 (2013.01 - EP US); **H01R 4/2483** (2013.01 - EP US); **H01R 4/2487** (2013.01 - EP US); **H01R 9/03** (2013.01 - EP US); **H01R 12/67** (2013.01 - EP US); **H01B 7/0823** (2013.01 - EP US)

Cited by

CN105895203A; US8723044B2; EP2375517A3; EP3216093A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2385532 A1 20111109; **EP 2385532 B1 20130306**; DE 102010014532 A1 20111013; US 2011247877 A1 20111013; US 8822826 B2 20140902

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