Title (en)

Method for manufacturing an electric feed through and electric feed through produced according to the method

Title (de)

Verfahen zur Herstellung einer elektrischen Durchführung und verfahrensgemäß hergestellte elektrische Durchführung

Title (fr)

Procédé de fabrication d'une conduite électrique et conduite électrique fabriquée selon ce procédé

Publication

EP 2073219 A3 20110921 (DE)

Application

EP 08021508 A 20081211

Priority

DE 102007061175 A 20071217

Abstract (en)

[origin: EP2073219A2] The method involves fusing a metal tube (14) into a glass insulation, and fastening a metal e.g. copper, rod (16) to the metal tube through soldering before or during the fusion of the tube, where the metal tube is made from nickel-ferrous-alloy. A shell surface of the metal tube is oxidized by using an oxide layer before or during the fusion, and a soldering point is protected by a metal casing. A glass-sinter body (13) with openings for a conductor is inserted into the casing, where the conductor is connected to a hollow weld of the metal tube. An independent claim is also included for an electrical feedthrough provided with a conductor that is fused into a glass insulation.

IPC 8 full level

H01B 17/30 (2006.01)

CPC (source: EP US)

H01B 17/305 (2013.01 - EP US); Y10T 29/435 (2015.01 - EP US)

Citation (search report)

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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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2073219 A2 20090624; **EP 2073219 A3 20110921**; CN 101661802 A 20100303; CN 101661802 B 20140115; DE 102007061175 B3 20090827; JP 2009146901 A 20090702; JP 5583905 B2 20140903; US 2009223699 A1 20090910; US 8378221 B2 20130219

DOCDB simple family (application)

EP 08021508 A 20081211; CN 200810185937 A 20081216; DE 102007061175 A 20071217; JP 2008320689 A 20081217; US 33379708 A 20081212