

Title (en)

METHOD FOR CONNECTING AT LEAST ONE WIRE TO A CONTACT ELEMENT

Title (de)

VERFAHREN ZUM VERBINDEN MINDESTENS EINES DRAHTES MIT EINEM KONTAKTELEMENT

Title (fr)

PROCEDE DE LIAISON D'AU MOINS UN CONDUCTEUR A UN ELEMENT DE CONTACT

Publication

**EP 1766734 B1 20081112 (DE)**

Application

**EP 05759904 A 20050624**

Priority

- DE 2005001126 W 20050624
- DE 102004032740 A 20040707

Abstract (en)

[origin: WO2006005291A1] The invention relates to a method for connecting at least one wire to a contact element for connecting the wire to a power source. Said method comprises the following steps: a) providing a contact element which comprises a groove for receiving at least one wire; b) inserting the wire in the groove of the contact element; c) lowering an electrode onto the contact element; and d) heating the area surrounding the groove by means of the electrode; while simultaneously deforming the area surrounding the groove, thereby jamming the wire lying in said groove.

IPC 8 full level

**H01R 43/02** (2006.01); **H01R 4/02** (2006.01); **H01R 43/04** (2006.01)

CPC (source: EP KR US)

**H01R 43/02** (2013.01 - KR); **H01R 43/0207** (2013.01 - EP US); **H01R 43/04** (2013.01 - KR); **H01R 4/023** (2013.01 - EP US); **H01R 43/0228** (2013.01 - EP US); **H01R 43/04** (2013.01 - EP US); **Y10T 29/49147** (2015.01 - EP US); **Y10T 29/49192** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006005291 A1 20060119**; AT E414340 T1 20081115; CN 100524975 C 20090805; CN 101015099 A 20070808; DE 102004032740 A1 20060216; DE 102004032740 B4 20060518; DE 502005005963 D1 20081224; EP 1766734 A1 20070328; EP 1766734 B1 20081112; ES 2314678 T3 20090316; IL 180337 A0 20070704; IL 180337 A 20101230; JP 2008505464 A 20080221; KR 101070347 B1 20111006; KR 20070033020 A 20070323; PL 1766734 T3 20090731; RU 2007104329 A 20080820; RU 2337442 C1 20081027; US 2008155823 A1 20080703; US 7823282 B2 20101102

DOCDB simple family (application)

**DE 2005001126 W 20050624**; AT 05759904 T 20050624; CN 200580029985 A 20050624; DE 102004032740 A 20040707; DE 502005005963 T 20050624; EP 05759904 A 20050624; ES 05759904 T 20050624; IL 18033706 A 20061226; JP 2007519608 A 20050624; KR 20077003021 A 20050624; PL 05759904 T 20050624; RU 2007104329 A 20050624; US 63159105 A 20050624