

Title (en)

Connection of an aluminium section with a copper section

Title (de)

Verbindung eines Aluminiumteils mit einem Kupferteil

Title (fr)

Liaison d'une pièce en aluminium et d'une pièce en cuivre

Publication

EP 2175532 A3 20120425 (DE)

Application

EP 09011236 A 20090902

Priority

- DE 102008051323 A 20081011
- DE 102008045670 A 20080903

Abstract (en)

[origin: EP2175532A2] The assembly connects a contact piece (1) made of an aluminum body (3) i.e. photovoltaic module, with another contact piece (11) made of a copper or brass body (13) e.g. cable. The former contact piece is provided with a nickel layer (5) and is partially covered with a tin layer (7). The copper or brass body is connected with the former contact piece by a soldering layer (19). The latter contact piece directly contacts the nickel layer, and the tin layer partially covers both the nickel layer and the latter contact piece.

IPC 8 full level

H01R 43/02 (2006.01)

CPC (source: EP)

H01R 43/02 (2013.01); **H01R 4/625** (2013.01); **H01R 4/72** (2013.01)

Citation (search report)

- [A] WO 2004047227 A1 20040603 - GEBAUER & GRILLER [AT], et al
- [A] DE 19744667 A1 19980416 - KABELWERK LAUSITZ GMBH [DE]
- [A] DE 19727314 A1 19990107 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] DE 102006031839 A1 20080110 - AUTO KABEL MAN GMBH [DE]
- [A] GB 765754 A 19570109 - KAISER ALUMINIUM CHEM CORP
- [A] US 5098319 A 19920324 - MCGAFFIGAN THOMAS H [US], et al

Cited by

WO2010124948A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008051323 A1 20100304; EP 2175532 A2 20100414; EP 2175532 A3 20120425; EP 2175532 B1 20130515; ES 2415413 T3 20130725; PL 2175532 T3 20131031

DOCDB simple family (application)

DE 102008051323 A 20081011; EP 09011236 A 20090902; ES 09011236 T 20090902; PL 09011236 T 20090902