

Title (en)
Frame/bimetal connection and method for producing same

Title (de)
Bügel/Bimetallverbindung und Verfahren zur Herstellung

Title (fr)
Cintre/Connexion bimétallique et procédé de fabrication

Publication
EP 2234138 A3 20130109 (DE)

Application
EP 10155417 A 20100304

Priority
DE 102009014712 A 20090327

Abstract (en)
[origin: EP2234138A2] The bracket or bimetal connection has a bimetal element (20) which is connected with a fastening bracket (21), where the bimetal element acts on a spring combination (24) over a pin (25). The bimetal element is firmly connected outside its bending area (203) with the bracket at the connection point of the bimetal element and bracket, so that by the connection of bimetal element and bracket no change is produced in cross section of the bimetal element in its bending area. A copper-interlayer is provided between the active and passive layers. An independent claim is also included for a method for connecting a bracket.

IPC 8 full level
H01H 37/54 (2006.01); **H01H 37/52** (2006.01)

CPC (source: EP)
H01H 37/52 (2013.01); **H01H 37/5418** (2013.01)

Citation (search report)

- [X] DE 1141360 B 19621220 - BUSCH JAEGER DUERENER METALL
- [A] DE 1946068 U 19660915 - THERMOSTAT & SCHALTGERAETEBAU [DE]
- [A] DE 1152768 B 19630814 - LICENTIA GMBH

Cited by
EP3561847A1; EP2511930A1; DE102011016896C5; EP2511930B1

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 ME RS

DOCDB simple family (publication)
EP 2234138 A2 20100929; EP 2234138 A3 20130109; EP 2234138 B1 20150923; CN 101847018 A 20100929; CN 101847018 B 20140305; DE 102009014712 A1 20101007; ES 2550266 T3 20151105

DOCDB simple family (application)
EP 10155417 A 20100304; CN 201010133204 A 20100326; DE 102009014712 A 20090327; ES 10155417 T 20100304