

Title (en)
Grounding tab

Title (de)
Erdungslasche

Title (fr)
Bride de mise à la terre

Publication
EP 2705996 A3 20141224 (DE)

Application
EP 13182781 A 20130903

Priority
DE 102012215720 A 20120905

Abstract (en)
[origin: EP2705996A2] The clip (1) consists of a cable lug (2) comprising copper and a conductor (3) comprising aluminum, that are respectively welded together, such that a weld joint is formed by an electromagnetic pulse shaping technology. The conductor is introduced a closed-end sleeve-shaped conductor receptacle (4) of the cable lug, and welded. A loop (6) which is greater than 30 [deg] and less than 60 [deg] to a longitudinal axis of the conductor receptacle, is inclined at an angle. An independent claim is included for a method of manufacturing a grounding clip.

IPC 8 full level
B61D 17/04 (2006.01); **H01R 4/62** (2006.01); **H01R 4/64** (2006.01); **H01R 11/12** (2006.01); **H01R 43/02** (2006.01)

CPC (source: EP)
B61D 17/041 (2013.01); **H01R 4/625** (2013.01); **H01R 43/0207** (2013.01); **H01R 4/64** (2013.01); **H01R 11/12** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)
• [XY] WO 2005055371 A1 20050616 - LEONI BORDNETZ SYS GMBH & CO [DE], et al
• [X] US 2007240897 A1 20071018 - GAFRI OREN [IL], et al
• [Y] DE 20018287 U1 20010301 - WEITKOWITZ ELEKTRO GMBH [DE]

Cited by
WO2017102803A1; WO2018059981A1; WO2019016347A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2705996 A2 20140312; EP 2705996 A3 20141224; DE 102012215720 A1 20140306; EP 3330153 A1 20180606

DOCDB simple family (application)
EP 13182781 A 20130903; DE 102012215720 A 20120905; EP 17002072 A 20130903