

Title (en)

Cable clamp with a clamp element

Title (de)

Kabelklemmung mit einem Klemmelement

Title (fr)

Connexion de câbles dotée d'un élément de serrage

Publication

**EP 2302743 A1 20110330 (DE)**

Application

**EP 10009867 A 20100917**

Priority

DE 102009042678 A 20090923

Abstract (en)

The device has a clamping element (10) which is inserted into cable receptacle (2) mounted on a connector housing (1). The clamping element has guiding fingers and clamping fingers which are arranged alternatively to form ring structure (11). The fingers are axially guided in the longitudinal recess of thread. The wedge-shaped ends of clamping element are in contact with wedges of cable receptacle to reduce the diameter when the clamping element is screwed into receptacle such that cable is fixed between clamping elements.

Abstract (de)

Für eine Kabelklemmung zur Fixierung eines mit einem Steckverbinder verbundenen elektrischen Kabels (8) wird vorgeschlagen, ein Klemmelement (10) mittels einer Druckschraube (20) verschiebbar in einer am Steckverbindergehäuse (1) angeformte, zylindrische Kabelaufnahme (2) einzubringen. Am Klemmelement (10) angeformte Klemmfinger (13) fixieren das innerhalb des Klemmelementes (10) geführte elektrische Kabel (8) während am Klemmelement (10) angeformte Führungsfinger (12) ein Verdrehen des Klemmelementes (10) verhindern.

IPC 8 full level

**H01R 13/58** (2006.01); **H01R 13/59** (2006.01)

CPC (source: EP US)

**H01R 13/5812** (2013.01 - EP US); **H01R 13/59** (2013.01 - EP US)

Citation (applicant)

EP 0908995 A1 19990414 - AGRO AG [CH]

Citation (search report)

- [I] WO 9940651 A1 19990812 - PALAZZOLI SPA [IT], et al
- [A] DE 10011341 A1 20010927 - ALOYS MENNEKES ANLAGENGMBH & C [DE]
- [A] US 2006144611 A1 20060706 - CHIU TEH-TSUNG [TW]

Cited by

EP2731204A1; EP3172743A4; US9985383B2; US11515661B2; US11211732B2; WO2015104117A1; EP3639329B1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2302743 A1 20110330; EP 2302743 B1 20190710**; CN 102082354 A 20110601; CN 102082354 B 20130206; DE 102009042678 B3 20110512; US 2011070766 A1 20110324; US 7938674 B2 20110510

DOCDB simple family (application)

**EP 10009867 A 20100917**; CN 201010546244 A 20100920; DE 102009042678 A 20090923; US 87308710 A 20100831