

Title (en)

Connector housing with integrated cable clamp

Title (de)

Steckverbindergehaeuse mit integrierter Kabelklemmung

Title (fr)

Boîtier de connecteur à fiche doté d'une connexion de câble intégrée

Publication

EP 2299547 B1 20190710 (DE)

Application

EP 10009316 A 20100908

Priority

DE 102009041868 A 20090916

Abstract (en)

[origin: EP2299547A1] A clamping device includes a clamping element arranged in a recess along the receptacle sleeve. The free end of the clamping element that points in the mating direction is separated on three sides. The surface of the clamping element that points radially outward features a thickening that forms a flattening, inclined surface toward the fixed end of the clamping element. The clamping element is pressed radially inward and clamps the cable in position when a pressure screw is screwed onto the receptacle sleeve. A clamping device comprises a connector housing with an integral receptacle sleeve for the cable that is provided with a thread and clamping element(s). The clamping element is arranged in a recess along the receptacle sleeve. The free end of the clamping element that points in the mating direction is separated on three sides. The surface of the clamping element that points radially outward features a thickening that forms a flattening, inclined surface toward the fixed end of the clamping element. The clamping element is pressed radially inward and clamps the cable in position when a pressure screw is screwed onto the receptacle sleeve.

IPC 8 full level

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

CPC (source: EP US)

H01R 13/5829 (2013.01 - EP US); **H01R 13/59** (2013.01 - EP US)

Cited by

EP2924811A1; DE102014104446A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2299547 A1 20110323; **EP 2299547 B1 20190710**; CN 102025070 A 20110420; CN 102025070 B 20130821; DE 102009041868 B3 20110407; US 2011065309 A1 20110317; US 8246377 B2 20120821

DOCDB simple family (application)

EP 10009316 A 20100908; CN 201010511233 A 20100915; DE 102009041868 A 20090916; US 86803110 A 20100825