

Title (en)
Screwless connecting terminal

Title (de)
Schraubenlose Anschlussklemme

Title (fr)
Borne de connexion sans vis

Publication
EP 2001086 B1 20100407 (DE)

Application
EP 07405165 A 20070608

Priority
EP 07405165 A 20070608

Abstract (en)
[origin: EP2001086A1] The screwless connector clamp (10) has a clamping spring (25) arranged in an insulating housing (11). The clamping spring is designed as a cage tension spring and is moving against a spring tension of the clamping spring by a manually activated activation element (21) also arranged in the housing from a position, in which a cable to be connected is held in a clamped fashion, to another position. A conductor rail (17) with an articulated support sheet (18) forms a part of a bearing (34), in which the activation element is stored rotating around a rotation axis (33).

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP)
H01R 4/48275 (2023.08); **H01R 4/48455** (2023.08)

Cited by
DE102012110759A1; DE102008060282B4; PL422018A1; DE102008052626B4; DE102012110759B4; CN110148842A; CN110148843A; DE102008060283A1; DE102008060283B4; DE102008060282A1; EP2518833A1; FR2974678A1; CN104577423A; DE102019117301A1; WO2021114352A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2001086 A1 20081210; EP 2001086 B1 20100407; AT E463862 T1 20100415; DE 502007003404 D1 20100520; PL 2001086 T3 20100930; SI 2001086 T1 20100831; WO 2008148231 A1 20081211

DOCDB simple family (application)
EP 07405165 A 20070608; AT 07405165 T 20070608; CH 2008000228 W 20080521; DE 502007003404 T 20070608; PL 07405165 T 20070608; SI 200730277 T 20070608