

Title (en)

Electrical connector

Title (de)

Elektrischer Steckverbinder

Title (fr)

Connecteur électrique

Publication

EP 1289073 B1 20051207 (DE)

Application

EP 01120439 A 20010827

Priority

EP 01120439 A 20010827

Abstract (en)

[origin: EP1289073A1] A housing (100) extending in mating direction of the connector, has terminal receiving cavities extending in longitudinal direction. An insertion chamber defined by walls of the cavities, is open towards the mating end of the housing, for receiving a locking element (180) insertable from the mating end. Several openings are provided in the cavity walls for receiving knobs (188) of the locking element after insertion in the chamber. Independent claims are also included for the following: (1) self-locking screw connection assembly; (2) device for relieving mechanical tension of electrical cable; and (3) end cap for mounting on cylindrical section of component in connector.

IPC 1-7

H01R 13/436; **H01R 13/453**; **H01R 13/64**; **H01R 13/622**; **H01R 13/58**; **H01R 13/502**; **H01R 13/74**

IPC 8 full level

H01R 13/436 (2006.01); **H01R 13/453** (2006.01); **H01R 13/502** (2006.01); **H01R 13/58** (2006.01); **H01R 13/622** (2006.01); **H01R 13/64** (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP)

H01R 13/4365 (2013.01); **H01R 13/4532** (2013.01); **H01R 13/502** (2013.01); **H01R 13/5829** (2013.01); **H01R 13/622** (2013.01); **H01R 13/64** (2013.01); **H01R 13/746** (2013.01)

Cited by

EP3139450A1; EP1524732A1; DE202005009396U1; CN116387906A; CN108539532A; US7503788B2; US7874860B2; US6957972B2; WO2013034286A1; WO2006133925A1; WO2017212303A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1289073 A1 20030305; **EP 1289073 B1 20051207**; AT E312419 T1 20051215; DE 50108320 D1 20060112

DOCDB simple family (application)

EP 01120439 A 20010827; AT 01120439 T 20010827; DE 50108320 T 20010827