

Title (en)

Electrical connector

Title (de)

Elektrischer Steckverbinder

Title (fr)

Connecteur électrique

Publication

EP 1617524 A1 20060118 (DE)

Application

EP 04016528 A 20040714

Priority

EP 04016528 A 20040714

Abstract (en)

The locking nut (2) fits onto a cylindrical housing (1) with an interrupted male thread. A locking ring (4) engages with a smooth part of the housing and has several flat springs at one end, divided from each other by narrow slits. The inside surfaces of the springs bear against an O-ring (3) and fit into a groove in the housing. There are locking profiles on the outside edges of the spring, engaging with sawtooth shaped locking profiles inside the end of the locking nut.

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP US)

H01R 13/5202 (2013.01 - EP US); **H01R 13/622** (2013.01 - EP US)

Citation (search report)

- [DA] DE 4301504 A1 19940728 - ESCHA BAUELEMENTE GMBH [DE]
- [A] US 6358078 B1 20020319 - CRIPPA VALERIO [IT]

Cited by

DE102006017983B4; CN116315885A; EP2495823A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1617524 A1 20060118; CN 1722540 A 20060118; JP 2006032336 A 20060202; US 2006172580 A1 20060803

DOCDB simple family (application)

EP 04016528 A 20040714; CN 200510083288 A 20050713; JP 2005200031 A 20050708; US 18157105 A 20050714