

Title (en)

Rotatable plug connector device with locking mechanism

Title (de)

Verdrehbare Steckverbinderbaugruppe mit Verrastung

Title (fr)

Dispositif de connecteur à fiche rotatif ayant un mécanisme de verrouillage

Publication

EP 1753092 A1 20070214 (DE)

Application

EP 06010500 A 20060522

Priority

DE 102005026398 A 20050608

Abstract (en)

The component has two connector units (2, 4) partially arranged into one another and rotatable against each other. The unit (4) has ratchet teeth (10) at the periphery, where the teeth face the unit (2). A number of radially movable resting pins (6) and spring units (8) are arranged in the unit (2). Each spring unit radially pushes one of the resting pins in the direction of the ratchet teeth of the unit (4). An independent claim is also included for a torque-adjusting set with resting pins and /or spring units, which are designed in a rotatable plug-in connector component.

IPC 8 full level

H01R 13/506 (2006.01)

CPC (source: EP)

H01R 13/506 (2013.01); **H01R 35/02** (2013.01)

Citation (search report)

- [X] US 4648670 A 19870310 - PUNAKO STEPHEN [US], et al
- [DA] DE 19520544 A1 19960605 - INTERCONNECTRON GMBH [DE]

Cited by

CN102696155A

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1753092 A1 20070214; **EP 1753092 B1 20080305**; AT E388506 T1 20080315; DE 102005026398 A1 20061214; DE 102005026398 B4 20090129; DE 502006000427 D1 20080417

DOCDB simple family (application)

EP 06010500 A 20060522; AT 06010500 T 20060522; DE 102005026398 A 20050608; DE 502006000427 T 20060522