

Title (en)
Electrical plug connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique enfichable

Publication
EP 1253676 A2 20021030 (DE)

Application
EP 02008696 A 20020418

Priority
DE 10120846 A 20010427

Abstract (en)
The device has a plug part for connection to a base part and at least one locking lever. The one-piece integral locking lever has a latchable locking leg on the plug part and a bearing leg pivotably mounted on the base part. The bearing leg has two bearing arms at least partly engaging round bearing journal on the base part to form a rotary bearing joint for the locking lever. A spring bearing arm is movable relative to the base part. The device has a base part (9), a plug part (12) for connection to the base part and at least one locking lever (3). The locking lever has a latchable locking leg (6) on the plug part and a bearing leg (5) pivotably mounted on the base part and is a one-piece integral part. The bearing leg has two bearing arms (7,8) at least partly engaging round bearing journal (10) on the base part to form a rotary bearing joint for the locking lever. A spring bearing arm (8) is movable relative to the base part.

Abstract (de)
Die Erfindung betrifft einen elektrischen Steckverbinder (1) mit mindestens einem an einem Basisteil (9) des Steckverbinders (1) gelagerten Verriegelungshebel (3), der als ein einstückiges, integrales Bauteil derart ausgestaltet ist, dass ein als Federarm (8) ausgeprägter Teil des Lagerschenkels (5) des Verriegelungshebels (3) in Schließstellung eine Federdruckanlage ermöglicht, die eine sichere Verrasterung des Verschlusschenkels (5) des Verriegelungshebels (3) mit dem Steckteil (12) des Steckverbinders (1) ermöglicht. <IMAGE>

IPC 1-7
H01R 13/629

IPC 8 full level
H01R 13/629 (2006.01)

CPC (source: EP)
H01R 13/62966 (2013.01)

Cited by
CN102714392A; EP1434312A3; CN109964374A; EP2133959A3; US10601178B2; WO2018082735A1

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