

Title (en)
Plug connector

Title (de)
Steckverbinder

Title (fr)
Connecteur à fiche

Publication
EP 0756352 B1 20020213 (DE)

Application
EP 96110464 A 19960628

Priority
DE 19526248 A 19950718

Abstract (en)
[origin: EP0756352A1] The connector includes two connector halves (4) in form of plug and a socket, which comprise respectively an insulating casing and a contact arrangement (14), which is connected with the contact arrangement of the respective other insulating casing. A locking mechanism comprises at least one bolt on one connector half and at least one receptacle (20) for the bolt on the other connector half. The bolt comprises a groove proceeding vertically to the connection direction, which is grasped by a movable spring lock which is movable through an opening (22) in the receptacle. The spring lock is formed by a spring bracket (24) and the locking mechanism can be released without a manual operation by widening the spring bracket radially when the connector halves are pulled apart, so that it snaps out of the groove.

IPC 1-7
H01R 13/627

IPC 8 full level
H01R 13/62 (2006.01); **H01R 13/621** (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP US)
H01R 13/6215 (2013.01 - EP US); **H01R 13/6277** (2013.01 - EP US)

Cited by
DE10246143B4

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 19526248 A1 19970123; **DE 19526248 C2 19990408**; DE 59608721 D1 20020321; EP 0756352 A1 19970129; EP 0756352 B1 20020213; JP H0935812 A 19970207; US 5791932 A 19980811

DOCDB simple family (application)
DE 19526248 A 19950718; DE 59608721 T 19960628; EP 96110464 A 19960628; JP 16762496 A 19960627; US 67963696 A 19960710