

Title (en)

Electrical connector with improved contact security

Title (de)

Elektrischer Steckverbinder mit verbessertem Sicherheitskontakt

Title (fr)

Connecteur électrique à sécurité de contact améliorée

Publication

EP 0884806 A3 19990324 (FR)

Application

EP 98401329 A 19980604

Priority

FR 9707148 A 19970610

Abstract (en)

[origin: EP0884806A2] The secure plugging mechanism has a male (2) and female (1) part. Each plug and socket unit has two parts to it (6,7;9,10). There is a retention mechanism (23) with a prevention shoulder (15). In a first position, the retention mechanism holds the plug and socket in place. In a second position, the plug only partially plugs into the socket, but does not make contact.

IPC 1-7

H01R 13/436

IPC 8 full level

H01R 13/436 (2006.01)

CPC (source: EP US)

H01R 13/4368 (2013.01 - EP US)

Citation (search report)

- [XY] EP 0533553 A1 19930324 - SOURIAU & CIE [FR]
- [Y] US 5554051 A 19960910 - SHINJI YASUHISA [JP], et al
- [A] EP 0660447 A1 19950628 - CINCH CONNECTEURS SA [FR]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0884806 A2 19981216; EP 0884806 A3 19990324; EP 0884806 B1 20040407; DE 69822925 D1 20040513; DE 69822925 T2 20050310; ES 2217518 T3 20041101; FR 2764446 A1 19981211; FR 2764446 B1 20011026; US 6132262 A 20001017

DOCDB simple family (application)

EP 98401329 A 19980604; DE 69822925 T 19980604; ES 98401329 T 19980604; FR 9707148 A 19970610; US 8848998 A 19980602