

Title (en)

CONNECTOR WITH CAM MEMBER

Title (de)

ELEKTRISCHER VERBINDER MIT NOCKENBETATIGTER VORRICHTUNG

Title (fr)

CONNECTEUR AVEC UN ELEMENT DE CAME

Publication

**EP 0786161 A1 19970730 (EN)**

Application

**EP 95933717 A 19950830**

Priority

- JP 24893594 A 19941014
- US 9510976 W 19950830

Abstract (en)

[origin: WO9612325A1] To enable a worker to be able to quickly and correctly verify that a slide-type cam member has moved into a closed position, making it possible for a housing of a mating connector to be moved into a completely engaged position, a resilient latch (40) member, which extends toward a housing (12) from an upper end of a side wall section (33) of a cam member (30), is located on the cam member (30). A latch section (50), which has an aperture (54) that receives a protrusion (42) of the latch member (40), is located on an upper part of the housing (12). As the cam member (30) is moved from a first position to a closed position, the latch member (40) is depressed downward as a result of the protrusion (42) moving along a second surface (55) of the latch section (50). When the cam member (30) has moved into the closed position, the protrusion (42) is received by the aperture (54) and, by virtue of the interrelationship, the latch member (40) resiles to its original shape. When this occurs, a first surface (41) of the latch member (40) is brought into contact with the second surface (55) of the latch section (50), thereby producing an audible sound signifying complete engagement between matable connectors.

IPC 1-7

**H01R 13/629**

IPC 8 full level

**H01R 13/629** (2006.01); **H01R 13/64** (2006.01)

CPC (source: EP KR)

**H01R 13/629** (2013.01 - KR); **H01R 13/62911** (2013.01 - EP)

Citation (search report)

See references of WO 9612325A1

Cited by

DE10303382A1; DE10303382B4

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 9612325 A1 19960425**; AU 3625395 A 19960506; CN 1099734 C 20030122; CN 1168743 A 19971224; EP 0786161 A1 19970730; EP 0786161 B1 19981125; JP 3218155 B2 20011015; JP H08115765 A 19960507; KR 100381573 B1 20030718; KR 970707614 A 19971201

DOCDB simple family (application)

**US 9510976 W 19950830**; AU 3625395 A 19950830; CN 95196612 A 19950830; EP 95933717 A 19950830; JP 24893594 A 19941014; KR 19970702435 A 19970414