

Title (en)

CONNECTOR WITH CAM MEMBER

Title (de)

ELEKTRISCHER VERBINDER MIT NOCKENBETATIGTER VORRICHTUNG

Title (fr)

CONNECTEUR AVEC UN ELEMENT DE CAME

Publication

EP 0786161 B1 19981125 (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)

Cited by

DE10303382A1; DE10303382B4

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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