

Title (en)

Connecting member for flat circuit member and method of connecting the connecting member and the flat circuit member

Title (de)

Kontaktierungsteil für ein Flachleiterelement und Verfahren zum Verbinden des Kontaktierungsteils und des Flachleiterelements

Title (fr)

Pièce de connexion pour un élément de circuit plat et méthode de connexion d'une pièce de connexion et d'un élément de circuit plat

Publication

EP 1691452 A2 20060816 (EN)

Application

EP 06112356 A 20021218

Priority

EP 02102815 A 20021218

Abstract (en)

A claw portion (26) of a connecting member (21) penetrates a first piercing portion of a flat circuit member (100, 110) in a thickness direction thereof. In the case of connection to the flat circuit member having a thick conductor portion (102), the claw portion is bent such that a distal end portion of the claw portion pierces the flat circuit member so as to obtain electric contact with the conductor portion of the flat circuit member. In the case of connection to the flat circuit member having a thin conductor portion (112), the claw portion is bent such that a portion of the flat circuit member is clamped between an outer surface (28) of the claw portion and an inner edge portion (27) of a side wall portion (25) of the connecting member, so as to obtain electric contact with the conductor portion of the flat circuit member.

IPC 8 full level

H01R 12/38 (2006.01)

CPC (source: EP)

H01R 12/68 (2013.01)

Citation (applicant)

- JP H048372 A 19920113 - MITSUBISHI ELECTRIC CORP
- JP 2002188633 A 20020705 - NSK LTD

Cited by

EP4346012A1; EP2544300A1; US9343805B2; WO2013007549A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1691452 A2 20060816; EP 1691452 A3 20060927

DOCDB simple family (application)

EP 06112356 A 20021218