

Title (en)

ELECTRICAL CONNECTOR AND ELECTRICAL CONNECTION

Title (de)

ELEKTRISCHER STECKVERBINDER UND ELEKTRISCHE STECKVERBINDUNG

Title (fr)

CONNECTEUR ENFICHABLE ÉLECTRIQUE ET CONNEXION ENFICHABLE ÉLECTRIQUE

Publication

EP 4293834 B1 20240807 (DE)

Application

EP 22178603 A 20220613

Priority

EP 22178603 A 20220613

Abstract (en)

[origin: US2023402778A1] An electrical plug-in connector for transmitting a differential signal between a first interface and a second interface comprises a first contact element and a second contact element. A longitudinal axis of the first and second contact element in a first longitudinal portion, at the interface, is oriented at a first angle (ϕ_1) with respect to a second longitudinal portion of the contact elements at the second interface. A third longitudinal portion of the contact elements is between the first and second longitudinal portions, where at the contact elements are each bent, relative to a first axis of rotation that is orthogonal to the longitudinal axes in the first and second longitudinal portions, through a first angle of rotation ϕ_1 . In the third longitudinal portion the contact elements are each additionally bent through a second angle of rotation ϕ_2 .

IPC 8 full level

H01R 12/72 (2011.01); **H01R 13/6473** (2011.01)

CPC (source: EP US)

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