

Title (en)

ELECTRICAL CONNECTION OF A CONTACT PIN TO A SHEET METAL COMPONENT

Title (de)

ELEKTRISCHE VERBINDUNG EINES KONTAKTSTIFTES MIT EINEM BLECHBAUTEIL

Title (fr)

CONNEXION ELECTRIQUE D'UNE BROCHE AVEC UN COMPOSANT EN TOLE

Publication

EP 1812993 A1 20070801 (DE)

Application

EP 05802202 A 20051021

Priority

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Abstract (en)

[origin: WO2006050804A1] The invention relates to a device for the detachable electrical connection of a contact pin to a sheet metal component. According to the invention, a durable conducting connection of the contact pin to the sheet metal component may be achieved, whereby the sheet metal component has at least one perforation, in which a sleeve for a contact element is housed in an electrically-conducting manner, enclosing a spring element, whereby the contact pin is housed in the sleeve by the spring element in the assembled position and the contact pin and the sleeve are electrically-connected to the sheet metal component by means of the spring element. Said arrangement has a particularly high current-carrying capacity as a result of the spring arrangement housed in the sleeve.

IPC 8 full level

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