

Title (en)

CONNECTION SYSTEM FOR ESTABLISHING A DETACHABLE ELECTRICALLY CONDUCTIVE CONNECTION, AND CONNECTORS

Title (de)

VERBINDUNGSSYSTEM ZUR HERSTELLUNG EINER LÖSBAREN ELEKTRISCH LEITENDEN VERBINDUNG, UND STECKVERBINDER

Title (fr)

SYSTÈME DE CONNEXION POUR ÉTABLIR UNE CONNEXION ÉLECTRIQUEMENT CONDUCTRICE AMOVIBLE ET CONNECTEURS

Publication

**EP 4133210 A1 20230215 (DE)**

Application

**EP 21717058 A 20210406**

Priority

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Abstract (en)

[origin: WO2021204813A1] The invention relates to a connection system (1) for establishing a detachable electrically conductive connection, comprising a female connector (10) and a male connector (20) compatible therewith. The female connector (10) comprises a socket (11) with annular concentric contact openings and contact elements arranged within the contact openings. The male connector comprises a plug (21) with contact elements which can be inserted into the contact openings of the socket (11). Ferromagnetic elements are arranged concentrically around the socket and the plug, the ferromagnetic elements of the male connector and of the female connector having mutual attraction in order to generate a retaining force between the two connectors.

IPC 8 full level

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Citation (search report)

See references of WO 2021204813A1

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