

Title (en)
SOCKET, PLUG AND POWER STRIP

Title (de)
STECKDOSE, STECKER UND POWERLEISTE

Title (fr)
DOUILLE, FICHE ET BANDE D'ALIMENTATION

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Application
EP 21764853 A 20210303

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Abstract (en)
Disclosed in the present invention are a socket, a plug and a power strip. The socket comprises an earth line contact, a live line contact and a neutral line contact, wherein a live line metal elastic sheet and a neutral line metal elastic sheet are arranged in a socket accommodating cavity, and the live line metal elastic sheet and the neutral line metal elastic sheet are respectively connected to or disconnected from the live line contact and the neutral line contact under the action of a magnetic force. The plug comprises a strong magnetic plate on a plug body, and the strong magnetic plate is provided with an earth line matching column, a live line matching column and a neutral line matching column which match the earth line contact, the live line contact and the neutral line contact. The power strip comprises a plurality of sockets, and the plurality of sockets are sequentially arranged in parallel at intervals. The present invention overcomes the defects of a traditional jack, is waterproof, has no electricity when no plug is inserted, is connected by means of a magnetic single contact, and has a simple and safe design structure.

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