

Title (en)
PLUG CONTACT

Title (de)
STECKKONTAKT

Title (fr)
CONTACT ENFICHABLE

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Application
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Abstract (en)
[origin: WO2017182647A1] The invention relates to a plug contact (1) for electrically contacting a circuit board (2) by means of the insertion of the plug contact (1) into a contact hole (3) of the circuit board (2), which plug contact comprises two contact legs (4, 5), which are resilient relative to each other, a connection region (6), and a connecting region (7), wherein the connecting region (7) connects the two contact legs (4, 5) to one another and to the connection region (6) and wherein the plug contact (1) is stamped from a flat metal material and is bent. The plug contact (1) according to the invention enables secure contacting, even in the case of a small material thickness of the flat material, in that the two contact legs (4, 5) each have a first section (4a, 5a) and a second section (4b, 5b) adjoining the first section in the insertion direction (E) of the plug contact (1), wherein the two contact legs (4, 5) are bent from the plane of the connecting region (7) such that the connecting region (7) and the first regions (4a, 5a) of the two contact legs (4, 5) adjoining the connecting region (7) together form a U-shaped contour, and that a contacting region (4c, 5c) that contacts the contact hole (3) in the inserted state is formed on each of the outer faces of the two sections (4b, 5b) of the two contact legs (4, 5), which outer faces face away from each other.

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Citation (examination)
• DE 2228953 A1 19740131 - SIEMENS AG
• WO 2010015571 A1 20100211 - TYCO ELECTRONICS AMP GMBH [DE], et al
• US 2917723 A 19591215 - WILLIAM GLUCK

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