

Title (en)

RESISTOR, IN PARTICULAR LOW-RESISTANCE CURRENT MEASURING RESISTOR

Title (de)

WIDERSTAND, INSBESONDERE NIEDEROHMIGER STROMMESSWIDERSTAND

Title (fr)

RÉSISTANCE, EN PARTICULIER RÉSISTANCE DE MESURE DE COURANT FAIBLEMENT OHMIQUE

Publication

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Application

EP 15741730 A 20150722

Priority

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Abstract (en)

[origin: WO2016015842A1] The invention relates to a U-shaped resistor (1), in particular a low-resistance current-measuring resistor (1), comprising a first connection part (2) made of a conductive material having a first current contact surface for conducting an electrical current (I) into the resistor (1), and comprising a second connection part (3) made of a conductive material having a second current contact surface for conducting the current (I) out of the resistor (1), as well as comprising a resistor element (4) made of a resistor material, wherein the resistor element (4) is arranged in the direction of current flow between the first connection part (2) and the second connection part (3), such that the electrical current (I) flows through the electrical resistor (1). The current (I) perpendicularly enters or leaves the connections parts (2, 3) via their outer surfaces. In addition, the voltage taps are attached to the inner side of the U-shaped resistor (1), and contact the connection parts (2, 3) close to the transition to the resistor element (4).

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2016015842A1

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DE 102013200580 A1 20140717 - BOSCH GMBH ROBERT [DE]

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