

Title (en)
DEVICE, AMMETER AND MOTOR VEHICLE

Title (de)
VORRICHTUNG, STROMMESSER UND KRAFTFAHRZEUG

Title (fr)
DISPOSITIF, AMPEREMETRE ET VEHICULE MOTORISE

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Application
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Abstract (en)
[origin: WO02056032A2] The invention relates to a device, an ammeter and a motor vehicle. To measure the amperage in a conductor (1), said conductor (1) comprises a first section (10) and a second section (20), a first sensor element (15) and a second sensor element (16) being provided. The current flow in the first section (10) and in the second section (20) generates a useful magnetic field. The first sensor element (15) is provided for measuring the useful magnetic field, the second sensor element (16) is positioned in a location where the useful magnetic field disappears and said element (16) is designed for measuring a disruptive magnetic field, whereby the measurement of the useful magnetic field can be corrected by the measurement of the disruptive magnetic field.

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