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(54) **MAGNETORESISTIVE SENSOR**

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(57) **ABSTRACT**

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To provide a magnetoresistive sensor comprising at least one sensor element for measuring a magnetic field, and a magnet assigned to the sensor element, which has a simple structure and in which subsequent trimming for compensating an offset can be dispensed with, the magnet (14) has structures (18) which lead to a perpendicular guidance of magnetic flux lines (25) from the supporting magnet (14) in the sensing direction (y direction) at least in the sensitive area (26) of the sensor (100).

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