

Title (en)

MAGNETIC POSITION SENSOR COMPRISING A TAPPING LAYER CONSISTING OF AN AMORPHOUS METAL

Title (de)

MAGNETISCHER POSITIONSSENSOR MIT EINER ABGREIFSCHICHT AUS EINEM AMORPHEN METALL

Title (fr)

CAPTEUR DE POSITION MAGNÉTIQUE COMPRENANT UNE COUCHE DE CONTACT EN MÉTAL AMORPHE

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Application

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Abstract (en)

[origin: WO2009130035A1] The invention relates to a magnetic position sensor (1) consisting of an electrically non-conductive, non-magnetic carrier (2), on which a resistive layer (3) and a tapping layer (4), which lies at a distance from and at least partially overlaps said resistive layer, are arranged. The distance is selected in such a way that under the action of a magnetic unit (5) that is moved along the regions of the resistive layer (3) and the tapping layer (4) lying above one another, said layers (3, 4) come into contact with one another. According to the invention, the tapping layer (4) is a foil consisting of an amorphous metal, upon which the force of the magnetic unit (5) acts.

IPC 8 full level

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