

Title (en)
POSITION SENSOR

Title (de)
POSITIONSENSOR

Title (fr)
CAPTEUR DE POSITION

Publication
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Application
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Abstract (en)
[origin: WO2010003732A2] Magnetic position sensors are already known which have a resistive track formed on a carrier, a conductive track which is disposed at a distance from the resistive track, and a movably mounted contacting means for producing a local electric connection between the resistive track and the conductive track. The contacting means is a magnet which attracts individual segments of the conductive track toward the resistive track and thus closes the contact to the resistive track. It is disadvantageous that the production costs for the position sensor are comparatively high. In the case of the position sensor according to the invention, the production costs are reduced. The invention provides that the conductive track (5) is configured on an elastic film (12), the contacting means (6) is movably mounted on the elastic film (12) along the conductive track (5) and acts gravimetrically on the conductive track (5) such that a local contact with the resistive track (2) is produced.

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G01D 5/06 (2013.01); **G01D 5/165** (2013.01); **H01C 10/14** (2013.01); **H01C 10/28** (2013.01)

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Cited by
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