

Title (en)

METHOD FOR NON-CONTACT LINEAR POSITION MEASUREMENT

Title (de)

VERFAHREN ZUR KONTAKTLOSEN, LINEAREN POSITIONSMESSUNG

Title (fr)

PROC D POUR LA MESURE DE POSITION LIN AIRE SANS CONTACT

Publication

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Application

**EP 02726086 A 20020506**

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Abstract (en)

[origin: WO02095333A1] The invention relates to non-contact linear position measurement between two components which may be displaced relative to each other, by means of a method using a magnet sensor fixed to the first component, above which a permanent magnet is fixed to the second component. Said sensor gives a signal comprising a maximum level, a minimum level and an intermediate level, between the above. The signal range is determined as the difference between the maximum value and the minimum value and from the given signal a normalised signal is generated by division with the signal range and the normalised signal used to determine the non-contact linear position measurement.

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