

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  
**EP 1390695 A1 20040225 (DE)**

Application  
**EP 02726086 A 20020506**

Priority

- DE 0201625 W 20020506
- DE 10124760 A 20010521

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.

IPC 1-7  
**G01D 5/14**; **G01B 7/00**

IPC 8 full level  
**G01B 7/00** (2006.01); **G01D 5/14** (2006.01)

CPC (source: EP)  
**G01B 7/003** (2013.01); **G01D 5/145** (2013.01)

Citation (search report)  
See references of WO 02095333A1

Cited by  
CN109974832A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02095333 A1 20021128**; DE 10124760 A1 20030220; EP 1390695 A1 20040225

DOCDB simple family (application)  
**DE 0201625 W 20020506**; DE 10124760 A 20010521; EP 02726086 A 20020506