

Title (en)

METHOD AND ARRANGEMENT FOR CORRECTING AN ANGLE-MEASURING AND/OR DISTANCE-MEASURING SENSOR SYSTEM

Title (de)

VERFAHREN UND ANORDNUNG ZUR KORREKTUR EINES WINKEL- UND/ODER ABSTANDSMESSENDEN SENSORSYSTEMS

Title (fr)

PROCEDE ET DISPOSITIF POUR CORRIGER UN SYSTEME DE DETECTION MESURANT UN ANGLE ET/OU UNE DISTANCE

Publication

**EP 1761744 A1 20070314 (DE)**

Application

**EP 05747518 A 20050427**

Priority

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Abstract (en)

[origin: WO2005124286A1] Disclosed are a method and an arrangement for correcting an angle-measuring and/or distance-measuring sensor system (1), in which sinusoidal or cosinusoidal test signals (xi, yi) obtained by scanning a moved test object (2) are evaluated. In order to correct the angle errors and/or phase errors of the test signals (xi, yi), the inventive method comprises a balancing process and a subsequent correction process. Correction parameters (m1, m2) are provided in the balancing process while a pair of corrected measured values (xi, yi) are determined from each pair of measured values (xi, yi) in the correction process.

IPC 8 full level

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