

Title (en)

CORRECTING AND/OR PREVENTING ERRORS DURING THE MEASUREMENT OF COORDINATES OF A WORKPIECE

Title (de)

KORREKTUR UND/ODER VERMEIDUNG VON FEHLERN BEI DER MESSUNG VON KOORDINATEN EINES WERKSTÜCKS

Title (fr)

CORRECTION ET/OU PRÉVENTION D'ERREURS LORS DE LA MESURE DE COORDONNÉES D'UNE PIÈCE

Publication

**EP 2729763 A1 20140514 (DE)**

Application

**EP 11743041 A 20110708**

Priority

EP 2011061681 W 20110708

Abstract (en)

[origin: WO2013007285A1] The invention relates to an arrangement for measuring coordinates of a workpiece and/or for machining the workpiece. The arrangement has a first part (1) and a second part (3) that can be moved relative to the first part (1). The relative mobility of the parts (1, 3) is specified in addition to a possible mobility of a probe that is optionally additionally fixed to the arrangement, said mobility of the probe being specified by a deflection of the probe from a neutral position during a mechanical probing of the workpiece for the purpose of measuring the coordinates. A measuring body (K1, K2) is arranged on the first or second (3) part, and at least one sensor (s1...s5) is arranged on the other part, i.e. on the second or first (1) part, said sensor (s1...s5) being designed to generate a measurement signal corresponding to a position of the measuring body (K1, K2) and thus corresponding to the relative position of the first (1) and second (3) part.

IPC 8 full level

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CPC (source: CN EP US)

**G01B 7/004** (2013.01 - US); **G01B 7/012** (2013.01 - EP US); **G01B 21/045** (2013.01 - CN EP US); **G01D 18/00** (2013.01 - US)

Citation (search report)

See references of WO 2013007285A1

Citation (examination)

- US 2004111908 A1 20040617 - RAAB SIMON [US], et al
- DE 202008005154 U1 20080724 - KNAEBEL HORST [DE]

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