

Title (en)
APPARATUS FOR MEASURING ANGULAR DISPLACEMENT.

Title (de)
VORRICHTUNG ZUM MESSEN EINER WINKELVERSCHIEBUNG.

Title (fr)
APPAREIL DE MESURE D'UN DEPLACEMENT ANGULAIRE.

Publication
EP 0070305 A4 19830809 (EN)

Application
EP 82900728 A 19820120

Priority
US 22693581 A 19810121

Abstract (en)
[origin: WO8202631A1] Angular displacement in mutually perpendicular planes is measured between a fixed point and a movable point whose distance or angular displacement from the fixed point is to be measured by precise timing of the movement of a reference point (75) on a rotatable element (31, 32) which is driven at a constant rate of speed through sensing elements (37, 40) corresponding to the location of the fixed (75) and movable (76) points. In each plane, the ratio of the time required for movement from the fixed to the movable point (Time 'A') to the time required for full revolution between the fixed point (Time 'B') is converted into an angular unit of measurement which can be used to actuate a display (102) or otherwise record it. A series of measurements may be taken and averaged to minimize errors or spurious measurements.

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H03K 13/20

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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