

Title (en)

MOVABLE ZERO POINT POSITION SENSOR

Title (de)

POSITIONSSENSOR MIT NULLPUNKTJUSTIERVORRICHTUNG

Title (fr)

DETECTEUR A POSITION DE POINT ZERO DEPLA ABLE

Publication

EP 1478905 A1 20041124 (EN)

Application

EP 03713744 A 20030227

Priority

- US 0305999 W 20030227
- US 36010602 P 20020228

Abstract (en)

[origin: WO03074975A1] A sensor assembly is coupled with a control linkage and detects displacement of the control linkage and produces an output signal indicative of that displacement. The zero-point of the sensor assembly is not necessarily aligned with the zero-point of the control linkage when the two systems are coupled together. Instead, the control linkage is placed in its zero position and the sensor assembly determines its current positional reading at that time. This reading is stored as a zero-offset value which is then used, during normal operation of the sensor, to adjust the output signal of the sensor assembly when subsequent control linkage displacements are sensed.

IPC 1-7

G01D 3/02; **G01D 18/00**

IPC 8 full level

G01D 3/02 (2006.01); **G01D 18/00** (2006.01)

CPC (source: EP)

G01D 3/022 (2013.01); **G01D 18/008** (2013.01)

Citation (search report)

See references of WO 03074975A1

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