

Title (en)

Means for determining the position of indicating hands

Title (de)

Einrichtung zum Bestimmen der Position von Zeigern

Title (fr)

Dispositif pour déterminer la position d'aiguilles indicatrices

Publication

EP 0766149 B1 20020320 (DE)

Application

EP 96115517 A 19960927

Priority

- DE 19632011 A 19960808
- DE 19612103 A 19960327
- DE 29515478 U 19950928

Abstract (en)

[origin: EP0766149A2] The device provides the position of a pointer driven via gearwheels (1,2,3) using openings (8a,8b,8c,8d,11) in at least one of the gearwheels. The openings are inserted in the path of a reflection light barrier (4,12). One or more reflector elements (12) are attached to a further gearwheel. The light signal provided by the sensor (6) for the light barrier is fed to an evaluation stage for calculating the angular position of the gearwheels and hence the position of the pointer.

IPC 1-7

G04C 3/14

IPC 8 full level

G04C 3/00 (2006.01); **G04C 3/14** (2006.01); **G04C 9/00** (2006.01)

CPC (source: EP US)

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EP 0766149 A2 19970402; **EP 0766149 A3 19990224**; **EP 0766149 B1 20020320**; AT E214815 T1 20020415; JP H09166671 A 19970624; US 5734474 A 19980331

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