

Title (en)

METHOD AND DEVICE FOR OPTICALLY DETERMINING THE POSITION OF AN OBJECT

Title (de)

VERFAHREN UND EINRICHTUNG ZUM OPTISCHEN BESTIMMEN DER POSITION EINES OBJEKTS

Title (fr)

PROCEDE ET DISPOSITIF DE DETERMINATION OPTIQUE DE LA POSITION D'UN OBJET

Publication

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Application

EP 07731852 A 20070330

Priority

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- FR 0602792 A 20060331

Abstract (en)

[origin: FR2899326A1] The method involves arranging a non coherent light emitter (E1) with phototransistor receivers (R1, R2) of TEKT5400 infrared light covering a determined active elementary zone (2) e.g. circle, in proximity to the zone. The emitter and each receiver are enabled to have respective axes (AE1, AR1, AR2) parallel to the zone in which maximum emission and angular sensitivity are observed such that the axes (AR1, AR2) cut the axis (AE1) at different points. The emitter is turned on, and a position of an object (1) e.g. finger, on the emitter is determined as a function of comparison of light signals. Independent claims are also included for the following: (1) an object's position determining device comprising an emitter (2) a data input terminal comprising an object's position determining device.

IPC 8 full level

G01D 5/26 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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