

Title (en)

DEVICE AND METHOD FOR DETERMINING DISTANCES AND A NANO-DOSING SYSTEM BELONGING THERETO

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BESTIMMEN VON ABSTÄNDEN UND EIN ZUGEHÖRIGES NANODOSIERSYSTEM

Title (fr)

DISPOSITIF ET PROCEDE POUR LA DETERMINATION DE DISTANCES, ET SYSTEME DE NANODOSAGE ASSOCIE

Publication

EP 1212582 A1 20020612 (DE)

Application

EP 99941606 A 19990813

Priority

- DE 19837437 A 19980818
- EP 9905931 W 19990813

Abstract (en)

[origin: DE19837437A1] The invention relates to a device especially for use as a proximity sensor comprising a sensor unit which has an optical transducer, and an object that can be brought close to the transducer surface, whereby the average refractive index is determined by an evaluation device. The distance of an object from the transducer surface can be determined by detecting a change in the refractive index.

IPC 1-7

G01B 11/14; **G01N 21/55**

IPC 8 full level

G01B 11/14 (2006.01); **G01N 21/55** (2006.01); **G01N 21/552** (2014.01)

CPC (source: EP)

G01B 11/14 (2013.01); **G01N 21/552** (2013.01); **G01N 21/553** (2013.01)

Citation (search report)

See references of WO 0011432A1

Cited by

RU2617178C1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19837437 A1 20000309; **DE 19837437 C2 20030410**; AU 5515799 A 20000314; EP 1212582 A1 20020612; WO 0011432 A1 20000302

DOCDB simple family (application)

DE 19837437 A 19980818; AU 5515799 A 19990813; EP 9905931 W 19990813; EP 99941606 A 19990813