

Title (en)

DEVICE FOR DETERMINING THE THICKNESS OR THE NUMBER OF SHEETS OF A SHEET-LIKE OBJECT

Title (de)

VORRICHTUNG ZUM BESTIMMEN DER DICKE ODER BLATTZAHL EINES BLATTARTIGEN OBJEKTS

Title (fr)

DISPOSITIF PERMETTANT DE DETERMINER L'EPAISSEUR OU LE NOMBRE DE FEUILLES D'UN OBJET SOUS FORME DE PILE DE FEUILLES

Publication

**EP 1177410 A1 20020206 (DE)**

Application

**EP 00938632 A 20000510**

Priority

- DE 19922125 A 19990512
- EP 0004264 W 20000510

Abstract (en)

[origin: DE19922125A1] The invention relates to a device for determining the thickness or the number of sheets of a sheet-like object (100). The inventive device comprises a transmitting and a receiving device (102) for transmitting radiation to the object, for receiving reflected radiation containing at least the part of the radiation transmitted to the object (100) that is reflected by the object (100) and for generating a signal which represents the reflected radiation. The inventive device also comprises an evaluation device (104) for determining the thickness of the object (100) by virtue of the pre-determined connections between the signal characteristics and the thickness of the object (100).

IPC 1-7

**G01B 15/02**; **G01B 17/02**; **B65H 7/02**

IPC 8 full level

**G01B 15/02** (2006.01); **G01B 17/02** (2006.01); **G01S 17/08** (2006.01); **G01S 17/88** (2006.01)

CPC (source: EP)

**G01B 15/02** (2013.01); **G01B 17/02** (2013.01); **G01S 17/08** (2013.01); **G01S 17/88** (2013.01)

Citation (search report)

See references of WO 0070305A1

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 19922125 A1 20001130**; EP 1177410 A1 20020206; WO 0070305 A1 20001123

DOCDB simple family (application)

**DE 19922125 A 19990512**; EP 0004264 W 20000510; EP 00938632 A 20000510