

Title (en)

Device to measure width by difference of light attenuation

Title (de)

Vorrichtung zur Breitenmessung mittels des Lichtdämpfungsunterschieds

Title (fr)

Dispositif de mesure de largeur par différence d'atténuation lumineuse

Publication

**EP 1724729 B1 20080102 (FR)**

Application

**EP 06114068 A 20060517**

Priority

FR 0505095 A 20050520

Abstract (en)

[origin: EP1724729A1] The device has a sensor activated during the detection of the presence of mail items passing above a set of levers (26) arranged at a determined set pitch perpendicular to a reference wall. A light intensity measurement module (42) measures a light intensity of a light ray received by a receiver, where the ray is emitted by an emitter. A processor module calculates the determined number of levers activated by the passage of the items from a comparison between the measured intensity and an initial measurement of the intensity in the absence of the passage of items. Independent claims are also included for the following: (1) a method for measuring the width of a mail item (2) a mail handling machine having a device for measuring the width of a mail item on the fly.

IPC 8 full level

**G07B 17/00** (2006.01); **G01B 5/04** (2006.01); **G01B 11/04** (2006.01)

CPC (source: EP US)

**G07D 7/004** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1724729 A1 20061122; EP 1724729 B1 20080102**; DE 602006000386 D1 20080214; DE 602006000386 T2 20090102; FR 2886005 A1 20061124; FR 2886005 B1 20070810; US 2006261293 A1 20061123; US 7297930 B2 20071120

DOCDB simple family (application)

**EP 06114068 A 20060517**; DE 602006000386 T 20060517; FR 0505095 A 20050520; US 41933206 A 20060519