

Title (en)

Method and system for the verification of a mailing's height in order to frank it

Title (de)

Verfahren und Vorrichtung zur Überprüfung der Höhe eines Postartikels zwecks Frankierung

Title (fr)

Procédé et dispositif de vérification au vol de la hauteur d'un article de courrier à des fins d'affranchissement

Publication

**EP 1560164 B1 20070228 (FR)**

Application

**EP 05290146 A 20050124**

Priority

FR 0400934 A 20040130

Abstract (en)

[origin: EP1560164A1] The method involves detecting presence of a mail article with respect to a given point of reference surface, at distances (d1, d2) near and away from the surface. The distance (d2) corresponds to dimensional threshold. Ratio of presence durations (t1, t2) of the article is compared with a value, by a comparing module (33). Height of the article is considered greater than the threshold if the ratio is greater than the value. The value is equal to  $1-\epsilon$ , where epsilon represents a corrector coefficient lower than 1 depending on detection tolerances of presence of the article. An independent claim is also included for a system of determining mails postage amount, including a mail article height verifying device.

IPC 8 full level

**G07B 17/00** (2006.01)

CPC (source: EP US)

**G07B 17/00661** (2013.01 - EP US); **G07B 2017/0037** (2013.01 - EP US); **G07B 2017/00685** (2013.01 - EP US)

Cited by

CN107588747A; EP1764747A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1560164 A1 20050803**; **EP 1560164 B1 20070228**; CA 2494406 A1 20050730; CA 2494406 C 20120424; DE 602005000606 D1 20070412; DE 602005000606 T2 20071108; FR 2865833 A1 20050805; US 2005187887 A1 20050825; US 7752009 B2 20100706

DOCDB simple family (application)

**EP 05290146 A 20050124**; CA 2494406 A 20050125; DE 602005000606 T 20050124; FR 0400934 A 20040130; US 4591705 A 20050128