

Title (en)

Plastic envelope detector and flat article processing equipment including such a detector

Title (de)

Plastikkuvertedetektor und Anlage zur Verarbeitung von flachen Artikeln mit einem solchen Detektor

Title (fr)

Détecteur d'enveloppe en plastique et équipement de traitement d'articles plats incluant un tel détecteur

Publication

EP 0714710 B1 19991215 (FR)

Application

EP 95402662 A 19951127

Priority

- FR 9414295 A 19941129
- FR 9509230 A 19950728

Abstract (en)

[origin: EP0714710A1] The discriminator detects e.g. by optoelectronic sensor (17) the wrapper (3) of each item of mail (2) before passing over a plate (4) contg. a suction head (5) connected to a venturi (10) to which compressed air is supplied (9) via a stop valve (11), air filter (12) and pressure regulator (13). The drop in pressure in a cavity (6) is measured by a vacustat (8) in conjunction with an electronic circuit (16) including a two-clock sequencer which accumulates measurements in successive positions of the wrapper for comparison with a pre-established threshold. Another comparator (22) operates on the reflection to a phototransistor array (20).

IPC 1-7

B07C 1/16

IPC 8 full level

B07C 1/16 (2006.01)

CPC (source: EP US)

B07C 1/16 (2013.01 - EP US); **Y10S 209/90** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

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EP 0714710 A1 19960605; EP 0714710 B1 19991215; CA 2163832 A1 19960530; DE 69513940 D1 20000120; DE 69513940 T2 20000420; ES 2139862 T3 20000216; FR 2727331 A1 19960531; FR 2727331 B1 19961227; US 5725720 A 19980310

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EP 95402662 A 19951127; CA 2163832 A 19951127; DE 69513940 T 19951127; ES 95402662 T 19951127; FR 9509230 A 19950728; US 56439495 A 19951129