

Title (en)

Method and device for detecting the presence of an object, in particular leaf or sheet formed objects for printing

Title (de)

Verfahren und Vorrichtung zum Erkennen des Vorhandenseins eines Objektes, vorzugsweise eines blatt- oder bogenförmigen Objektes für eine Bedruckung

Title (fr)

Procédé et dispositif de détection de la présence d'un objet, en particulier un objet en forme de feuille pour impression

Publication

EP 1241120 B1 20070627 (DE)

Application

EP 01128560 A 20011130

Priority

DE 10112946 A 20010317

Abstract (en)

[origin: EP1241120A2] The method involves transporting the object past a sensor device, preferably a light barrier (4), to detect and register the leading edge of the object in the transport direction. After detecting the leading edge of the object at least one check is made of whether the object is still present in the sensor's measurement range. Independent claims are also included for the following: an arrangement for detecting presence of object, preferably sheet object for printing.

IPC 8 full level

B65H 7/08 (2006.01); **G03G 15/00** (2006.01); **B65H 7/06** (2006.01); **B65H 7/14** (2006.01)

CPC (source: EP US)

B65H 7/08 (2013.01 - EP US); **B65H 2511/11** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2511/51** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2513/42** (2013.01 - EP US); **B65H 2553/41** (2013.01 - EP US); **B65H 2701/1311** (2013.01 - EP US)

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

EP 1241120 A2 20020918; EP 1241120 A3 20040204; EP 1241120 B1 20070627; DE 10112946 A1 20020926; DE 50112661 D1 20070809; JP 2002274698 A 20020925; US 2002130461 A1 20020919

DOCDB simple family (application)

EP 01128560 A 20011130; DE 10112946 A 20010317; DE 50112661 T 20011130; JP 2002072034 A 20020315; US 7946602 A 20020221