

Title (en)

Device for detecting and controlling the height of a stack

Title (de)

Vorrichtung zur Stapelhöhenerfassung und Stapelhöhensteuerung

Title (fr)

Dispositif pour la détection et le contrôle de la hauteur d'une pile

Publication

**EP 1155997 B1 20060628 (DE)**

Application

**EP 01104788 A 20010227**

Priority

DE 10023807 A 20000515

Abstract (en)

[origin: EP1155997A2] The method for determining the height of a stack (1) of paper (2) comprises applying a feeler strip (4) to the top (5) of the stack. Its position is then determined by an optical sensor (3). An Independent claim is included for a method for controlling the height of a stack of paper using the height determination method described above.

IPC 8 full level

**B65H 7/14** (2006.01); **B65H 31/10** (2006.01); **B65H 29/20** (2006.01); **B65H 31/18** (2006.01)

CPC (source: EP US)

**B65H 31/10** (2013.01 - EP US); **B65H 2511/15** (2013.01 - EP US); **B65H 2553/41** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

C-Set (source: EP US)

**B65H 2511/15** + **B65H 2220/03**

Cited by

EP1840060A3; CN104876048A; CN110155786A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1155997 A2 20011121**; **EP 1155997 A3 20040107**; **EP 1155997 B1 20060628**; AT E331684 T1 20060715; DE 10023807 A1 20011122; DE 50110309 D1 20060810; JP 2002029655 A 20020129; US 2001054791 A1 20011227; US 6592119 B2 20030715

DOCDB simple family (application)

**EP 01104788 A 20010227**; AT 01104788 T 20010227; DE 10023807 A 20000515; DE 50110309 T 20010227; JP 2001145347 A 20010515; US 85046201 A 20010507