

Title (en)

DISPENSER WITH MATERIAL-RECOGNITION APPARATUS AND MATERIAL-RECOGNITION METHOD

Title (de)

ABGABEVORRICHTUNG MIT MATERIALERKENNUNGSVORRICHTUNG UND MATERIALERKENNUNGSVERFAHREN

Title (fr)

DISTRIBUTEUR AVEC APPAREIL DE RECONNAISSANCE DE MATERIAU ET PROCEDE DE RECONNAISSANCE DE MATERIAU

Publication

EP 1761449 B1 20121128 (EN)

Application

EP 04777391 A 20040630

Priority

US 2004021177 W 20040630

Abstract (en)

[origin: WO2006011881A1] Dispenser apparatus (1, 3) for dispensing flexible sheet material (1001) including material- recognition apparatus permitting the dispenser to recognize sheet material from an authorized source and to be enabled for operation with such material. The material- recognition apparatus may include a sensor (138) mounted in the dispenser in position to scan a code (10 19), preferably located on the core (1005) on which the sheet material is wound. The sensor generates a code signal corresponding to the code. A control circuit (49) receives and validates the code signal. Sheet material dispensing is allowed if the code is valid or is not allowed if the code is invalid.

IPC 8 full level

B65H 43/00 (2006.01); **A47K 10/34** (2006.01); **B65H 35/10** (2006.01)

CPC (source: EP)

A47K 10/3662 (2013.01); **A47K 10/3687** (2013.01); **A47K 10/3845** (2013.01); **B65H 16/005** (2013.01); **B65H 43/04** (2013.01); **B65H 75/182** (2013.01); **A47K 10/3612** (2013.01); **A47K 10/3637** (2013.01); **B65H 2511/40** (2013.01); **B65H 2553/43** (2013.01)

Cited by

EP4157050A4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006011881 A1 20060202; CA 2572341 A1 20060202; CA 2572341 C 20130430; EP 1761449 A1 20070314; EP 1761449 A4 20090715; EP 1761449 B1 20121128; ES 2396710 T3 20130225; MX PA06014905 A 20070820

DOCDB simple family (application)

US 2004021177 W 20040630; CA 2572341 A 20040630; EP 04777391 A 20040630; ES 04777391 T 20040630; MX PA06014905 A 20040630