

Title (en)  
CARD-COUNTING DEVICE

Title (de)  
KARTENZÄHLVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMPTAGE DE CARTES

Publication  
**EP 2145293 A2 20100120 (FR)**

Application  
**EP 08805504 A 20080423**

Priority  
• FR 2008000585 W 20080423  
• FR 0703031 A 20070426

Abstract (en)  
[origin: FR2915601A1] The device has a processing unit (10) receiving signals from a charge coupled device (CCD) camera (8) and mirrors to extract luminance levels of the signals in correlation with a thickness dimension of a stack (5), and to generate a determined signal i.e. filtered signal. An extraction unit extracts a periodic pattern representing one of thin products (2), from the determined signal. A calculation unit calculates number of products by intercorrelation using the pattern, to determine number of patterns corresponding to the number of products by histogram. Independent claims are also included for the following: (1) a method of processing a signal from a detection circuit of a thin product counting device (2) a computer program comprising a set of instructions for performing a signal processing method.

IPC 8 full level  
**G06M 1/10** (2006.01); **G06M 9/00** (2006.01)

CPC (source: EP KR US)  
**G06M 1/10** (2013.01 - KR); **G06M 1/101** (2013.01 - EP US); **G06M 9/00** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2008145859A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**FR 2915601 A1 20081031; FR 2915601 B1 20090703**; AU 2008257340 A1 20081204; CN 101816012 A 20100825; EP 2145293 A2 20100120; KR 20100040700 A 20100420; US 2010226576 A1 20100909; WO 2008145859 A2 20081204; WO 2008145859 A3 20090219

DOCDB simple family (application)  
**FR 0703031 A 20070426**; AU 2008257340 A 20080423; CN 200880020797 A 20080423; EP 08805504 A 20080423; FR 2008000585 W 20080423; KR 20097024666 A 20080423; US 59767808 A 20080423