

Title (en)

DEVICE FOR COUNTING PAPER SHEETS OR THE LIKE

Title (de)

EINRICHTUNG ZUM ZÄHLEN VON PAPIERBLÄTTERN ODER DERGLEICHEN

Title (fr)

DISPOSITIF DESTINÉ À COMPTER DES FEUILLES DE PAPIER OU SIMILAIRE

Publication

**EP 2400468 A4 20121114 (EN)**

Application

**EP 09840342 A 20090219**

Priority

JP 2009052901 W 20090219

Abstract (en)

[origin: EP2400468A1] A paper-sheet counting machine (10) includes: a recognition and counting unit (24) configured to count paper sheets; a stacking unit (26) configured to stack therein the paper sheets that have been counted by the recognition and counting unit (24), an opening being provided in a front face of the stacking unit (26); a rotary guide unit (28) provided to the stacking unit (26) and configured to allow the paper sheets that have been counted by the recognition and counting unit (24) to be stacked in the stacking unit (26); a shutter (40) configured to close the opening provided in the front face of the stacking unit (26); a shutter drive unit (50) configured to drive the shutter (40) to open and close the opening provided in the front face of the stacking unit (26); and a control unit (70) configured to control the shutter drive unit (50).

IPC 8 full level

**G07D 3/00** (2006.01); **G06M 9/00** (2006.01); **G07D 11/00** (2006.01)

CPC (source: EP KR US)

**G06M 7/06** (2013.01 - EP KR US); **G07D 11/10** (2019.01 - EP KR US); **G07D 11/50** (2019.01 - EP KR US)

Citation (search report)

- [XY] US 4277119 A 19810707 - UCHIDA SHINYA
- [YA] US 4677682 A 19870630 - MIYAGAWA TUYOSHI [JP], et al
- [XAI] EP 1035521 A1 20000913 - LAUREL BANK MACHINE CO [JP]
- [A] GB 2020459 A 19791114 - LAUREL BANK MACHINE CO

Cited by

ES2457915R1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2400468 A1 20111228**; **EP 2400468 A4 20121114**; **EP 2400468 B1 20161012**; CN 102405486 A 20120404; EP 3136355 A1 20170301; EP 3136355 B1 20181205; JP 5341169 B2 20131113; JP WO2010095235 A1 20120816; KR 101322376 B1 20131028; KR 20110128303 A 20111129; US 2011304091 A1 20111215; WO 2010095235 A1 20100826

DOCDB simple family (application)

**EP 09840342 A 20090219**; CN 200980158798 A 20090219; EP 16186744 A 20090219; JP 2009052901 W 20090219; JP 2011500406 A 20090219; KR 20117021663 A 20090219; US 200913202447 A 20090219