

Title (en)
Paper sheet positioning apparatus

Title (de)
Vorrichtung zum Ausrichten von Papierbögen

Title (fr)
Appareil de positionnement de feuilles de papier

Publication
EP 1762519 A3 20070321 (EN)

Application
EP 06018208 A 20060831

Priority
JP 2005260963 A 20050908

Abstract (en)
[origin: EP1762519A2] A paper sheet positioning apparatus includes a pair of conveying belts (49a to 49c) which convey banknotes (P) along a conveyance path, an optical sensor array (70) which measures a shift amount and/or skew amount of the banknotes (P) conveyed by the pair of conveying belts (49a to 49c) on the conveyance path, and two shift correction devices (32a,33a) and/or skew correction devices (32b,33b) which correct the shift amount and/or skew amount measured by the optical sensor array (70).

IPC 8 full level
B65H 9/16 (2006.01)

CPC (source: EP US)
B65H 9/002 (2013.01 - EP US); **B65H 2301/331** (2013.01 - EP US); **B65H 2404/14212** (2013.01 - EP US); **B65H 2511/24** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

Citation (search report)

- [DX] EP 1188699 A2 20020320 - TOSHIBA KK [JP]
- [X] US 4602778 A 19860729 - HIROSE HIROSHI [JP], et al
- [X] JP H0295640 A 19900406 - OMRON TATEISI ELECTRONICS CO
- [X] JP 2002068531 A 20020308 - FUJI XEROX CO LTD

Cited by
DE102010032524A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1762519 A2 20070314; EP 1762519 A3 20070321; CN 1927682 A 20070314; JP 2007070085 A 20070322; US 2007052161 A1 20070308

DOCDB simple family (application)
EP 06018208 A 20060831; CN 200610129120 A 20060908; JP 2005260963 A 20050908; US 51208606 A 20060830