

Title (en)

MEDIA SKEW ADJUSTING APPARATUS FOR MEDIA DISPENSER

Title (de)

MEDIENVERSATZ-JUSTIERVORRICHTUNG UND MEDIEN-AUSGABEVORRICHTUNG

Title (fr)

DISPOSITIF DE RÉGLAGE DE L'INCLINAISON DE SUPPORTS POUR DISTRIBUTEUR DE SUPPORTS DE DONNÉES

Publication

EP 2188789 B1 20150805 (EN)

Application

EP 08793088 A 20080806

Priority

- KR 2008004574 W 20080806
- KR 20070079795 A 20070808

Abstract (en)

[origin: WO2009020350A2] The present invention relates to a media skew adjusting apparatus of an automatic media dispenser. In the present invention, coupling gears that are the last gears of a power transmission unit are mounted to both ends of an interlocking rotational shaft, which has both the ends rotatably supported on frame plates. The power transmission unit serves to transmit driving force of a driving source. First and second clutches are provided to be coupled to the coupling gears, wherein the clutches selectively transmit the driving force of the driving source. First and second driving shafts are rotatably installed to the frame plates together with the first and second clutches, respectively. Feed rollers for conveying a medium are installed on the driving shafts, respectively. Idle rollers are installed in correspondence to the feed rollers, respectively. In the meantime, brake assemblies are further employed for more accurately controlling the rotations of the feed rollers. According to the present invention, there is an advantage in that it is possible to securely adjust skew of a medium to thereby enhance the operational performance of the automatic media dispenser.

IPC 8 full level

G07D 9/00 (2006.01); **B65H 9/10** (2006.01)

CPC (source: EP KR)

B65H 9/002 (2013.01 - EP); **G07D 11/17** (2018.12 - KR); **B65H 2301/331** (2013.01 - EP); **B65H 2301/44318** (2013.01 - EP); **B65H 2403/7251** (2013.01 - EP); **B65H 2403/731** (2013.01 - EP); **B65H 2404/143** (2013.01 - EP); **B65H 2511/24** (2013.01 - EP); **B65H 2511/411** (2013.01 - EP); **B65H 2511/413** (2013.01 - EP); **B65H 2511/512** (2013.01 - EP); **B65H 2511/514** (2013.01 - EP); **B65H 2701/1311** (2013.01 - EP); **B65H 2701/1912** (2013.01 - EP); **G07D 2211/00** (2013.01 - KR)

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

DOCDB simple family (publication)

WO 2009020350 A2 20090212; **WO 2009020350 A3 20090402**; CN 101542544 A 20090923; CN 101542544 B 20111214; EP 2188789 A2 20100526; EP 2188789 A4 20130227; EP 2188789 B1 20150805; KR 101388325 B1 20140422; KR 20090015466 A 20090212

DOCDB simple family (application)

KR 2008004574 W 20080806; CN 200880000330 A 20080806; EP 08793088 A 20080806; KR 20070079795 A 20070808