

## Title (en)

Paper leaves processor and paper leaves processing method

## Title (de)

Papierverarbeitungsvorrichtung und Papierverarbeitungsverfahren

## Title (fr)

Processeur de feuilles de papier et procédé de traitement de feuilles de papier

## Publication

**EP 2338817 A3 20140820 (EN)**

## Application

**EP 10194513 A 20101210**

## Priority

JP 2009298264 A 20091228

## Abstract (en)

[origin: EP2338817A2] In a paper leaves processor, when a paper leaf is introduced in a storing direction, a sensor (1b) detects a position of the paper leaf in a direction of a width of a take-up roller (1a). A correction amount-calculating unit (1c) compares the position of the paper leaf detected by the sensor and a centering area of an inlet-outlet opening, and calculates a correction amount for accommodating the position of the paper leaf within a centering area when discharging the paper leaf. Further, the correction amount-calculating unit calculates a movement amount of the take-up roller based on a moving direction of the take-up roller and the correction amount, and stores the movement amount in a correction information-storing unit (1d). When discharging the paper leaf, a position controller controls a moving unit (1f) based on the movement amount to move a position of the take-up roller.

## IPC 8 full level

**B65H 9/20** (2006.01); **B65H 29/00** (2006.01)

## CPC (source: EP)

**B65H 9/20** (2013.01); **B65H 29/006** (2013.01); **B65H 2301/3611** (2013.01); **B65H 2301/3613** (2013.01); **B65H 2301/41912** (2013.01); **B65H 2404/161** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/222** (2013.01); **B65H 2557/23** (2013.01); **B65H 2701/1912** (2013.01)

## Citation (search report)

- [A] US 6682068 B1 20040127 - HANEY SEAN [US], et al
- [AD] JP 2006069708 A 20060316 - GLORY KOGYO KK
- [A] DE 102007050449 A1 20090305 - WINCOR NIXDORF INT GMBH [DE]
- [A] WO 2009113299 A1 20090917 - NIPPON KINSEN KIKAI KK [JP], et al & EP 2256073 A1 20101201 - NIPPON KINSEN KIKAI KK [JP]
- [A] EP 1764324 A2 20070321 - CANON KK [JP]

## Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

## Designated extension state (EPC)

BA ME

## DOCDB simple family (publication)

**EP 2338817 A2 20110629**; **EP 2338817 A3 20140820**; **EP 2338817 B1 20151125**; CN 102110326 A 20110629; CN 102110326 B 20140409; JP 2011138338 A 20110714; JP 5384321 B2 20140108; KR 101118406 B1 20120306; KR 20110076779 A 20110706

## DOCDB simple family (application)

**EP 10194513 A 20101210**; CN 201010601794 A 20101222; JP 2009298264 A 20091228; KR 20100131926 A 20101221