

Title (en)
PAPER SHEET STORAGE DEVICE

Title (de)
VORRICHTUNG ZUR LAGERUNG VON PAPIERBÖGEN

Title (fr)
DISPOSITIF DE RANGEMENT DE FEUILLES DE PAPIER

Publication
EP 4089654 A4 20221228 (EN)

Application
EP 20912567 A 20200106

Priority
JP 2020000090 W 20200106

Abstract (en)
[origin: EP4089654A1] A paper sheet storage device (14) includes a storage space (20) in which paper sheets (6) are stored; a placement table (21) that is provided in the storage space (20) and on which the paper sheets (6) are accumulated and placed; a support base (22) that supports the placement table (21); a first up-down mechanism (23) that causes the placement table (21) to rise and lower to an up position (P1) and a down position (P2) with respect to the support base (22); and a second up-down mechanism (24) that causes the support base (22) to rise and lower in the storage space (20). The first up-down mechanism (23) includes a rack unit (32) that is provided on the placement table (21) and a pinion unit that causes the rack unit (32) to move.

IPC 8 full level
G07D 11/12 (2019.01); **B65H 1/14** (2006.01); **B65H 31/18** (2006.01); **G07D 11/16** (2019.01)

CPC (source: EP)
B65H 1/14 (2013.01); **B65H 31/10** (2013.01); **B65H 83/025** (2013.01); **G07D 11/12** (2018.12); **G07D 11/16** (2018.12); **B65H 2403/41** (2013.01); **B65H 2405/1116** (2013.01); **B65H 2405/11161** (2013.01); **B65H 2701/1912** (2013.01)

Citation (search report)

- [XA] JP H05334523 A 19931217 - OKI ELECTRIC IND CO LTD
- [A] JP 2003151007 A 20030523 - GLORY KOGYO KK
- [A] KR 101114727 B1 20120229
- See references of WO 2021140549A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4089654 A1 20221116; **EP 4089654 A4 20221228**; JP WO2021140549 A1 20210715; WO 2021140549 A1 20210715

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