

Title (en)

PULL-OUT-TYPE STORAGE BOX HAVING AUTOMATIC OPENING AND CLOSING FUNCTION

Title (de)

AUSZIEHBARE AUFBEWAHRUNGSBOX MIT AUTOMATISCHER ÖFFNUNGS- UND SCHLIESSFUNKTION

Title (fr)

BOÎTE DE RANGEMENT DE TYPE TIROIR COMPORTANT UNE FONCTION D'OUVERTURE ET DE FERMETURE AUTOMATIQUES

Publication

EP 4317004 A1 20240207 (EN)

Application

EP 22882349 A 20220705

Priority

- CN 202122500270 U 20211018
- CN 2022103995 W 20220705

Abstract (en)

The pull-out storage box with automatic switch function includes: an external component (1), wherein the external component (1) includes a box body (11), and the top of the box body (11) is provided with a top cover (12); a pull-out component (2), wherein the pull-out component (2) is slidably connected to the box body (11), and the pull-out component (2) includes a withdrawable storage cabinet (21). One side of the storage cabinet (21) is fixedly connected to a lateral shield board (22), and two sliding covers (23) that is able to open and close are provided at one side of the lateral shield board (22) and located at the top of the storage cabinet (21).

IPC 8 full level

B65D 6/06 (2006.01); **B65D 43/20** (2006.01)

CPC (source: EP KR US)

B65D 7/10 (2013.01 - KR); **B65D 11/12** (2013.01 - EP KR); **B65D 25/38** (2013.01 - KR); **B65D 43/20** (2013.01 - KR US); **B65D 53/00** (2013.01 - US)

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)

US 2024010397 A1 20240111; CN 216333416 U 20220419; EP 4317004 A1 20240207; JP 3247223 U 20240627; KR 20230002039 U 20231025; WO 2023065727 A1 20230427

DOCDB simple family (application)

US 202318471489 A 20230921; CN 202122500270 U 20211018; CN 2022103995 W 20220705; EP 22882349 A 20220705; JP 2023600134 U 20220705; KR 20237000040 U 20220705