

Title (en)

INTERNAL180-DEGREE HINGE FOR SERIAL CABINET ARRANGEMENT

Title (de)

INNENLIEGENDES 180-GRAD-SCHARNIER FÜR EINE REIHENSCHRANKANORDNUNG

Title (fr)

CHARNIÈRE INTÉRIEURE À 180 DEGRÉS POUR UN AGENCEMENT D'ARMOIRE EN SÉRIE

Publication

EP 2721236 B1 20150826 (DE)

Application

EP 12738415 A 20120620

Priority

- DE 102011051190 A 20110620
- EP 2012061812 W 20120620

Abstract (en)

[origin: WO2012175548A1] The invention relates to an internal 180-degree hinge for a door that is retained on a cabinet body in such a way that the door can be pivoted open, comprising a hinge support fastened to the cabinet body and a hinge bracket fastened to the door, the hinge support and the hinge bracket being retained on each other by means of a hinge axis and the hinge bracket fastened to the door being movable relative to the hinge support fastened to the cabinet body during the rotational motion of the hinge bracket about the hinge axis for an arrangement of cabinets in a row having a door leaf which in the open position of the door is aligned parallel to the closed door of an adjacent cabinet. Said hinge is characterized in that the hinge support (19) and the hinge bracket (17) are connected to each other by means of at least two rockers (21, 22), which are coupled to each other by means of the hinge axis (23) passing through the rockers and which are rotatably arranged about the hinge axis (23) in a scissor-like manner, the one end of the outer ends of the one rocker (22) lying opposite each other with respect to the hinge axis (23) being connected to the hinge support (19) by means of a rigidly arranged shaft (27) and the other end being retained on the hinge bracket (17) by means of a shaft (28) that can be moved in a track (29) formed in the hinge bracket (17), and the one end of the other rocker (21) being connected to the hinge bracket (17) by means of a rigidly arranged shaft (24) and the other end being retained on the hinge support (19) by means of a shaft (25) that can be moved in a track (26) formed in the hinge support (19).

IPC 8 full level

E05D 3/18 (2006.01); **E05D 7/12** (2006.01)

CPC (source: EP)

E05D 3/186 (2013.01); **E05D 7/123** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2900/20** (2013.01)

Cited by

CN115992630A; EP3524761B1

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

DOCDB simple family (publication)

DE 102011051190 B3 20120726; CN 103764931 A 20140430; CN 103764931 B 20160406; EP 2721236 A1 20140423; EP 2721236 B1 20150826; EP 2721236 B8 20151223; WO 2012175548 A1 20121227

DOCDB simple family (application)

DE 102011051190 A 20110620; CN 201280030807 A 20120620; EP 12738415 A 20120620; EP 2012061812 W 20120620