Title (en)
Locking mechanism

Title (de)
Verriegelungsmechanismus

Title (fr)
Mécanisme de verrouillage

Publication
EP 2255693 A1 20101201 (DE)

Application
EP 09007081 A 20090527

Priority
EP 09007081 A 20090527

Abstract (en)
The mechanism has a locking and releasing device comprising a locking and releasing lever (145) and acting together with a locking and retaining device in a locking condition, such that a table plate is held in its operating position. The locking and releasing device is pivotable around a pivoting axis (144) opposite to the retaining device, such that the plate is pivotable from the operating position to a stowage position, where the plate is pivotable only around a limited angle range in an intermediate condition between the locking condition and a releasing condition of the mechanism.

Abstract (de)
Ein verbesserter Verriegelungsmechanismus, insbesondere zur Arretierung einer Tischplatte in ihre Arbeitsstellung sowie zur Freigabe der Tischplatte, um diese beispielsweise in eine eher vertikal verlaufende Verstauposition zu verschwenken, zeichnet sich dadurch aus, dass der Verriegelungsmechanismus (47) zwischen der völligen Verriegelungsposition und der völligen Freigabeposition zumindest eine Zwischenposition umfasst, in der die Tischplatte (5) anschlagsbegrenzt nur um einen begrenzten Winkelbereich verschwenkbar ist.

IPC 8 full level
A47B 3/08 (2006.01); **A47B 7/02** (2006.01)

CPC (source: EP US)
A47B 3/08 (2013.01 - EP US); Y10T 74/20636 (2015.01 - EP US)

Citation (search report)
- [A] US 2009114130 A1 20090507 - CHIREA LUCIAN [US], et al
- [A] GB 1127989 A 19680925 - PARIGI PAOLO
- [A] GB 833472 A 19600427 - HALL HARDING LTD
- [A] GB 190708602 A 19080116 - INGHAM HENRY OXLEY, et al
- [A] US 5890436 A 19990406 - THOMPSON RONALD J [US]

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2255693 A1 20101201; **EP 2255693 B1 20110706**; AT E515210 T1 20110715; AU 2010201418 A1 20101216; AU 2010201418 B2 20150326; ES 2369327 T3 20111129; US 2010300242 A1 20101202; US 8272336 B2 20120925

DOCDB simple family (application)
EP 09007081 A 20090527; AT 09007081 T 20090527; AU 2010201418 A 20100409; ES 09007081 T 20090527; US 77753010 A 20100511