

Title (en)
FOLDABLE FURNITURE WITH A LOCKING HINGE ASSEMBLY

Title (de)
FALTMÖBEL MIT SPERRMECHANISMUS

Title (fr)
MEUBLE PLIABLE AVEC UN MECHANISME DE BLOQUAGE

Publication
EP 3225130 B1 20181219 (EN)

Application
EP 16194766 A 20161020

Priority
US 201615166697 A 20160527

Abstract (en)
[origin: EP3225130A1] A bench (105) has first and second benchtop halves (101). A leg assembly (104) is mounted to each half (101) and collapses independently of the other and is movable between an extended position and a stowed position. A locking hinge (112) pivotally connects the halves and automatically disengages a locking feature of the hinge (112) when one of the leg assemblies (104) is pivoted. The hinge includes first and second hinge members (150, 152). The second hinge member (152) includes a pawl pin slot (152b) and a pawl pin (158), which slides in the slot (152b) between a first position and a second position. Rotation of the first hinge member (150) with respect to the second hinge member (152) is prevented in the first position and is permitted in the second position. A cable (186) is mounted between the leg assembly (104) and the pawl pin (158). Pivoting the leg assembly (104) causes the pawl pin (158) to be automatically moved from the first position to the second position.

IPC 8 full level
A47B 3/087 (2006.01); **A47B 3/091** (2006.01)

CPC (source: EP)
A47B 3/087 (2013.01); **A47B 3/0912** (2013.01)

Cited by
CN109567379A

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)
EP 3225130 A1 20171004; EP 3225130 B1 20181219; ES 2704168 T3 20190314; PL 3225130 T3 20190628; TR 201900339 T4 20190221

DOCDB simple family (application)
EP 16194766 A 20161020; ES 16194766 T 20161020; PL 16194766 T 20161020; TR 201900339 T 20161020