Title (en)
HANGING TABLE COMPRISING FOLDING AND UNFOLDING STRUCTURE

Title (de)
HÄNGENDER TISCH MIT KLAPPBARER UND ENTKLAPPBARER STRUKTUR

Title (fr)
TABLE DE SUSPENSION COMPRENANT UNE STRUCTURE DE PLIAGE ET DE DÉPLIAGE

Publication
EP 3106063 A1 20161221 (EN)

Application
EP 15172568 A 20150617

Priority
EP 15172568 A 20150617

Abstract (en)
A hanging table (10) comprising a folding and unfolding structure, including a support rack (11), a table panel (20), a suspension fastening structure (30) with the a loading rib (22) located on a back side of the table panel (20), and at least one folding and unfolding structure (40) pivotally bridged the loading rib (22) and the support rack (11) and comprising a first swivel rack (41) hinged on the loading rib (22) and a second swivel rack (42) hinged on a lower edge of the support rack (11). The first swivel rack (41) has an anchor and loading fork (411) latchable on the second swivel rack (42) and a movable coupling pin (412) pivotally coupled on the second swivel rack (42). The second swivel rack (42) has a housing space (421) to accommodate swivel movement of folding or unfolding of the first swivel rack (41) and a guide slot (422) for sliding of the movable coupling pin (412). Through the folding and unfolding structure (40) the table panel (20) can be quickly unfolded when in use and also quickly folded downward to improve usability.

IPC 8 full level
A47B 5/04 (2006.01)

CPC (source: EP)
A47B 5/02 (2013.01); **A47B 5/04** (2013.01)

Citation (applicant)
US 8857347 B1 20141014 - LIU LAUSAN CHUNG-HSIN [CN], et al

Citation (search report)
- [I] US 8267017 B1 20120918 - MICHAEL DARYL A [US], et al
- [A] US 8857347 B1 20141014 - LIU LAUSAN CHUNG-HSIN [CN], et al
- [A] CN 203262585 U 20131106 - CUI ZHONGMIN

Cited by
CN115072010A; CN112190001A; US10709235B1

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

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