

Title (en)

A COLLAPSIBLE POWER-DRIVEN TABLE STAND, AND A TABLE COMPRISING SUCH A TABLE STAND

Title (de)

ZUSAMMENKLAPPBARES ANGETRIEBENES TISCHBEIN UND TISCH MIT SOLCH EINEM TISCHBEIN

Title (fr)

SUPPORT DE TABLE MOTORISÉ RABATTABLE ET TABLE COMPRENANT UN TEL SUPPORT DE TABLE

Publication

EP 3541240 A4 20200429 (EN)

Application

EP 17872670 A 20171116

Priority

- SE 1651505 A 20161117
- SE 2017051137 W 20171116

Abstract (en)

[origin: WO2018093323A1] A collapsible power-driven table stand (1) has a supporting body (10) having an elongated main support structure (11) extending in a longitudinal direction (L), and first and second stands (20, 20') comprising first and second driving units (21, 21') and one or more first and second telescopic leg sections (22, 22'), respectively, driven by the first and second driving units (21, 21') to move axially relative to each other. The first and second stands (20, 20') are pivotally attached to the supporting body (10) at or near its respective ends in order to allow the first and second stands (20, 20') to extend or collapse relative to the supporting body (10). The elongated main support structure (11) comprises an elongated central beam (40) formed by a bottom surface (41) and first and second side walls (42, 42') extending perpendicularly from the bottom surface, the central beam having a generally U-shaped cross-section. It also comprises elongated first and second lateral beams (30, 30') formed by respective first and second side walls (32, 33, 32', 33') and bottom surfaces (31, 31') extending perpendicularly between the first and second side walls along proximal portions (34, 34') of the first and second lateral beams, respectively. The first and second lateral beams have a generally U-shaped cross-section at the proximal portions. A respective proximal end (36, 36') of the proximal portions (34, 34') of the first and second lateral beams (30, 30') is open for slidably receiving the central beam (40) from a first end (41a) thereof, whereas respective distal portions (35, 35') of the first and second lateral beams (30, 30') are connected to the first stand and second stands (20, 20'). Guide means (50; 60) are provided for guiding the central beam (40) to be slidably supported on the bottom surfaces (31, 31') of the first and second lateral beams (30, 30'). The supporting body (10) is length-adjustable in the longitudinal direction (L) by displacing the first lateral beam (30) and/or second lateral beam (30') with respect to the central beam (40) in the longitudinal direction.

IPC 8 full level

A47B 13/06 (2006.01); **A47B 1/08** (2006.01)

CPC (source: EP SE)

A47B 1/08 (2013.01 - SE); **A47B 3/08** (2013.01 - EP); **A47B 9/00** (2013.01 - EP); **A47B 13/06** (2013.01 - SE); **A47B 2003/0821** (2013.01 - EP); **A47B 2200/0013** (2013.01 - EP); **A47B 2200/0015** (2013.01 - EP SE); **A47B 2200/0058** (2013.01 - EP); **A47B 2200/0061** (2013.01 - EP)

Citation (search report)

- [A] WO 2015180723 A1 20151203 - LINAK AS [DK]
- [A] US 2016128463 A1 20160512 - WU CHOU-HSIN [TW]
- [A] DE 102015105827 A1 20161020 - DEWERTOKIN GMBH [DE]
- See references of WO 2018093323A1

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)

WO 2018093323 A1 20180524; EP 3541240 A1 20190925; EP 3541240 A4 20200429; EP 3541240 B1 20210407; SE 1651505 A1 20180502; SE 540210 C2 20180502

DOCDB simple family (application)

SE 2017051137 W 20171116; EP 17872670 A 20171116; SE 1651505 A 20161117