

Title (en)

TABLE COLUMN FOR AN OPERATING TABLE HAVING A REINFORCING MECHANISM FOR A CYLINDRICAL GUIDE

Title (de)

TISCHSÄULE FÜR EINEN OPERATIONSTISCH MIT VERSTEIFUNGSMECHANISMUS FÜR EINE ZYLINDRISCHE FÜHRUNG

Title (fr)

COLONNE DE TABLE DESTINÉE À UNE TABLE D'OPÉRATION COMPRENANT UN MÉCANISME DE RENFORCEMENT DESTINÉ À UN GUIDAGE CYLINDRIQUE

Publication

**EP 3856113 A1 20210804 (DE)**

Application

**EP 19783451 A 20190926**

Priority

- DE 102018124135 A 20180928
- EP 2019075976 W 20190926

Abstract (en)

[origin: WO2020064902A1] The invention relates to a table column (1) for an operating table, comprising a column head support (6), a column head (7) accommodated in the column head support (6) and height-adjustable relative to same, a lifting drive (21) for adjusting the height of the column head (7) relative to the column head support (6), and a cylindrical guide (23) which connects the column head (7) to the column head support (6) and functions to vertically guide the column head (7) during the height adjustment thereof, wherein the cylindrical guide (23) has a longitudinal groove (24) and two keys (26) engaging therein in order to secure the cylindrical guide (23) against rotation about its vertical axis, and wherein each key (26) comprises a main body and an engaging element protruding along an engaging direction, which engages into the longitudinal groove (24) in the engaging direction, wherein the engaging elements of the two keys (26) are arranged offset to one another transverse to the longitudinal axis of the longitudinal groove (24), such that a pretensioning in the cylindrical guide (23) is generated transverse to the longitudinal axis of the longitudinal groove (24).

IPC 8 full level

**A61G 13/06** (2006.01)

CPC (source: EP US)

**A61G 13/06** (2013.01 - EP US); **A61G 13/121** (2013.01 - US)

Citation (search report)

See references of WO 2020064902A1

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

DOCDB simple family (publication)

**WO 2020064902 A1 20200402**; **WO 2020064902 A8 20210514**; CN 112969438 A 20210615; DE 102018124135 A1 20200402; EP 3856113 A1 20210804; EP 3856113 B1 20220907; JP 2022502185 A 20220111; US 2022040022 A1 20220210

DOCDB simple family (application)

**EP 2019075976 W 20190926**; CN 201980067054 A 20190926; DE 102018124135 A 20180928; EP 19783451 A 20190926; JP 2021517361 A 20190926; US 201917280639 A 20190926