

Title (en)
Device for adjusting the height of a table

Title (de)
Einrichtung zur Höhenverstellung für einen Tisch

Title (fr)
Dispositif de réglage de la hauteur d'une table

Publication
EP 1604589 B1 20080702 (DE)

Application
EP 04405361 A 20040611

Priority
EP 04405361 A 20040611

Abstract (en)
[origin: EP1604589A1] The tabletop (2) is provided with semicircular recesses for the insertion of the upper ends of the legs (3.1, 3.2, 3.3, 3.4) and surrounded by a hollow profile (4.1, 4.2, 4.3, 4.4). Each of the legs (3.1, 3.2, 3.3, 3.4) is equipped with a spindle (7.1, 7.2, 7.3, 7.4) accommodated inside and a hexagonal opening (8.1, 8.2, 8.3, 8.4) at the top. The spindles (7.1, 7.2, 7.3, 7.4) are interconnected with an endless serrated belt (9.1, 9.2, 9.3, 9.4). When one of the legs (3.1, 3.2, 3.3, 3.4) is turned all spindles (7.1, 7.2, 7.3, 7.4) are simultaneously rotated in order to lift or lower the tabletop (2).

IPC 8 full level
A47B 9/20 (2006.01); **A47B 9/04** (2006.01)

CPC (source: EP US)
A47B 9/04 (2013.01 - EP US)

Cited by
DE102010012408A1; DE102022200209B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
LV

DOCDB simple family (publication)
EP 1604589 A1 20051214; EP 1604589 B1 20080702; AT E399488 T1 20080715; CY 1110404 T1 20150429; DE 502004007486 D1 20080814; DK 1604589 T3 20081020; ES 2309480 T3 20081216; HK 1085104 A1 20060818; JP 2006006929 A 20060112; JP 4410727 B2 20100203; PL 1604589 T3 20081231; PT 1604589 E 20080827; SI 1604589 T1 20081231; US 2005274303 A1 20051215; US 7574965 B2 20090818

DOCDB simple family (application)
EP 04405361 A 20040611; AT 04405361 T 20040611; CY 081101075 T 20080930; DE 502004007486 T 20040611; DK 04405361 T 20040611; ES 04405361 T 20040611; HK 06106252 A 20060530; JP 2005172692 A 20050613; PL 04405361 T 20040611; PT 04405361 T 20040611; SI 200430787 T 20040611; US 12727505 A 20050512