

Title (en)
Lifting column preferably for furniture such as tables and beds

Title (de)
Hebesäule vorzugsweise für Möbel wie Tische und Betten

Title (fr)
Colonne de levage de préférence pour mobilier tel que tables et lits

Publication
EP 1230872 B1 20050608 (EN)

Application
EP 02075543 A 20020211

Priority
DK PA200100215 A 20010209

Abstract (en)
[origin: EP1230872A1] A lifting column, in particular for furniture, such as tables and beds, comprises at least two mutually telescopically slidable members (1, 2). A spindle (4) is secured at the end of one member (1), while a spindle nut (8) is connected with the adjacent end of the other member (2). The spindle nut may be caused to rotate by an electric motor (6) via a transmission (7) to bring about the telescopic displacement of the members (1, 2). The structure is advantageous in that a favourable ratio of the stroke to the mounting height of the column may be provided. Further, a good overlap may be achieved between the two members (1, 2) in the fully extended position of the column, which enhances the stability of the column. The structure additionally provides the possibility of arranging power supply and control electronics in one member. <IMAGE>

IPC 1-7
A47B 9/04; **A47B 9/20**; **F16H 25/20**; **B66F 3/08**; **A47C 20/04**

IPC 8 full level
A47B 9/04 (2006.01); **A47B 9/20** (2006.01); **A47C 19/04** (2006.01)

CPC (source: EP)
A47B 9/04 (2013.01); **A47B 9/20** (2013.01); **A47C 19/045** (2013.01); **A47B 2200/0059** (2013.01)

Cited by
AU2008291618B2; CN106335860A; CN108175902A; ITUA20164682A1; EP2301382A1; CN102295243A; EP2886506A1; US2018049543A1; EP3981287A1; US7712389B2; US9776841B2; US9642758B2; US11253057B2; WO2009026649A1; WO2005048904A1; WO2012067560A1; US11612238B2; EP2594156B1; EP2415161B1

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