

Title (en)

Arrangement for lowering at ground level the seat of a wheelchair

Title (de)

Elektro-Rollstuhl mit Lift bis auf Boden

Title (fr)

Système permettant d'abaisser le siège d'un fauteuil roulant au niveau du sol

Publication

EP 1133968 B1 20070228 (DE)

Application

EP 00710011 A 20000731

Priority

CH 3082000 A 20000215

Abstract (en)

[origin: CH690417A5] The wheelchair comprises a movement mechanism frame, a lift column and a seat unit. The lift column is foldable and suspendable on the movement mechanism frame. The seat unit is connected to the lift column, being height-adjustable, upwardly foldable and removable. The lift column comprises three aluminum square tubes fitted in one another by slide plates. In the outermost tube a high power motor with planet gear (1) is flanged onto the main bearing block (2). By means of a ball spindle (3) via a ball nut (4) in the innermost tube the column can be pushed upwards. The spindle back run is stoppable by a magnet brake (5) flanged onto the motor.

IPC 8 full level

A61G 5/10 (2006.01); **A61G 5/04** (2013.01); **A61G 5/12** (2006.01)

CPC (source: EP)

A61G 5/045 (2013.01); **A61G 5/1059** (2013.01); **A61G 5/125** (2016.10); **A61G 5/128** (2016.10); **A61G 7/1011** (2013.01); **A61G 7/1074** (2013.01); **A61G 7/1094** (2013.01); **A61G 7/1098** (2013.01); **A61G 5/14** (2013.01); **A61G 7/1019** (2013.01); **A61G 7/1046** (2013.01); **A61G 2200/34** (2013.01); **A61G 2200/36** (2013.01)

Cited by

DE102012021370B3; EP4209203A1; US7055840B1; US7909354B2; WO2006123944A1

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