

Title (en)

Tiltable wheelchair having a supporting spring member

Title (de)

Kippbarer Rollstuhl mit Tragfederelement

Title (fr)

Fauteuil roulant basculant avec élément de support à ressort

Publication

EP 0945114 A1 19990929 (EN)

Application

EP 99200503 A 19990222

Priority

NL 1008418 A 19980225

Abstract (en)

In order to make it easier to stand up from wheelchair (1), the top part (3) of the wheelchair (1) is arranged tiltably with respect to the bottom part (2). A spring element (4), which comprises a gas spring (7), assists with the forwards tilting. According to the invention, the spring element (4) also comprises a coil spring (8) with a preferably adjustable free travel (A). This facilitates moving the top part (3) upwards from the rear position without making the backwards tilting significantly more difficult. The coil spring (8) also ensures that a spring action is always maintained, even if the gas spring (7) should fail. <IMAGE>

IPC 1-7

A61G 5/14

IPC 8 full level

A61G 5/14 (2006.01); **A61G 5/10** (2006.01)

CPC (source: EP)

A61G 5/1078 (2016.10); **A61G 5/14** (2013.01); **A61G 5/1075** (2013.01)

Citation (search report)

- [Y] EP 0800809 A2 19971015 - SEENUS NL BV R VAN [NL]
- [YD] US 5513867 A 19960507 - BLOSWICK DONALD S [US], et al
- [A] WO 9403087 A1 19940217 - MC Q CORP [US], et al
- [A] US 5011224 A 19910430 - PAUL GERALD S [US]
- [AD] US 4519649 A 19850528 - TANAKA OSAMU [JP], et al

Cited by

ITPV20080009A1; US7222868B2; US11426313B2; US7404567B2; WO2004082548A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0945114 A1 19990929; BE 1011961 A3 20000307; NL 1008418 C2 19990826

DOCDB simple family (application)

EP 99200503 A 19990222; BE 9800762 A 19981023; NL 1008418 A 19980225