

Title (en)

Auxiliary power device for a wheelchair

Title (de)

Hilfsantriebsvorrichtung für einen Rollstuhl

Title (fr)

Dispositif de motorisation auxiliaire pour un fauteuil roulant

Publication

EP 1927331 A1 20080604 (EN)

Application

EP 06256116 A 20061129

Priority

EP 06256116 A 20061129

Abstract (en)

An auxiliary power device for a wheelchair (1) includes a coupling seat unit (21, 24) disposed on the chair frame (11), an adjustable unit (3), and a power supply unit (4). The adjustable unit (3) includes a steering operation rod unit (31, 34, 35) disposed rotatably on the coupling seat unit (21, 24), an electrical wheel unit (32) disposed on a bottom end of the operation rod unit (31, 34, 35), and a linkage (33, 36) interconnecting the electrical wheel unit (32) and the coupling seat unit (21, 24). The power supply unit (4) provides electricity to the electrical wheel unit (32). The electrical wheel unit (32) is movable relative to the operation rod unit (31, 34, 35) between a used position whereat a lower end of the electrical wheel unit (32) is below that of the front wheels (12), and an unused position whereat the lower end of the electrical wheel unit (32) is above that of the front wheels (12).

IPC 8 full level

A61G 5/04 (2006.01)

CPC (source: EP)

A61G 5/047 (2013.01); **A61G 5/1051** (2016.10)

Citation (search report)

- [X] US 5651422 A 19970729 - CASALI JOHN G [US]
- [A] US 5494126 A 19960227 - MEEKER GALEN L [US]

Cited by

EP2810633A1; GR20170100465A; GR1009778B; IT202200009368A1; CN107773358A; ITAN20130103A1; EP3897500A4; WO2023122012A1; DE102015116236A1; DE202015010010U1; US9326901B2; WO2020132685A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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