

Title (en)

Auxiliary drive device for manual wheelchairs

Title (de)

Zusatzantriebsvorrichtung für manuelle Rollstühle

Title (fr)

Dispositif d'actionnement supplémentaire pour fauteuils roulants manuels

Publication

EP 1878417 A3 20090603 (DE)

Application

EP 07108019 A 20070511

Priority

DE 102006032842 A 20060714

Abstract (en)

[origin: EP1878417A2] The device has drive wheel, a drive motor, a steering device (6) and fastening element (210) for docking at a wheel chair (600). A stroke mechanism is designed in addition to move a drive wheel in the docking condition vertically opposite to the wheelchair such that the two tilted carrying wheels (602) of the wheelchair are raised. The auxiliary drive is ready for operation when the drive wheel has maximum lowered position.

IPC 8 full level

A61G 5/04 (2006.01)

CPC (source: EP)

A61G 5/047 (2013.01); **A61G 5/1051** (2016.10); **A61G 5/1054** (2016.10)

Citation (search report)

- [X] WO 2004021954 A1 20040318 - PANNON BEFEKTETESI KFT [HU], et al
- [X] WO 2005108185 A2 20051117 - MIDAMERICA ELECTRONICS CORP [US], et al
- [X] JP 2004201807 A 20040722 - IR CARE KK

Cited by

GR1006063B; ES2386714A1; CN105377207A; EP3020385A4; US10588796B2; WO2012104446A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1878417 A2 20080116; **EP 1878417 A3 20090603**; DE 102006032842 A1 20080124; DE 102006032842 B4 20080904; NO 20072941 L 20080115

DOCDB simple family (application)

EP 07108019 A 20070511; DE 102006032842 A 20060714; NO 20072941 A 20070608