

Title (en)

Multi-adjustable wheelchair with a closed frame and front-wheel attachment robust against impact

Title (de)

Mehrfach einstellbarer Rollstuhl mit einem geschlossenen Rahmen und mit stoßbeständiger Vorderradbefestigung

Title (fr)

Fauteuil roulant multi-réglable avec cadre fermé et fixations de roue avant résistantes aux chocs

Publication

EP 2662060 A2 20131113 (EN)

Application

EP 13166995 A 20130508

Priority

- DK PA201200318 A 20120508
- DK PA201200732 A 20121120

Abstract (en)

The invention relates to wheelchair (1) with a fixed non foldable frame (26), which forms attachment for front wheels (11) and rear wheels (1), and which includes a seat (27) where the frame (26) in connection to the attachment (2) for the rear wheels (10) includes two preferably parallel pipes (4,5), which end in an end bracket (6) and which in direction towards the front wheels (11) are connected by a coupling piece (7) and where the upper pipe (4) between the end bracket (6) and the coupling piece (7) forms attachment for the seat (27) and where the lower pipe (5) between the end bracket (6) and the coupling piece (7) forms attachment for an adjustable rear wheel suspension (9) and where the distance (12) between the pipes (4,5) is minimised and preferably less than the diameter of a pipe (4,5) more preferably smaller than 50 mm. It is moreover a part of the invention that the frame (26) forms attachment for the front wheels (11) since the front wheel suspension (3) is integrated in the frame (26), which includes a preferably cylindrical axle (16) for fastening of a front wheel (11) where the axle (16) goes out from the front wheel suspension (3) through an opening hole (28), which is preferably oval and in which the axle's (16) placement in one plane can be adjusted in a stepless way. With the invention it becomes possible to manufacture multi adjustable wheelchairs (1) with closed frames (26) and integrated impact robust front wheel suspension (3)

IPC 8 full level

A61G 5/10 (2006.01); **A61G 5/02** (2006.01)

CPC (source: EP)

A61G 5/0866 (2016.10); **A61G 5/1054** (2016.10); **A61G 5/1059** (2013.01); **A61G 5/02** (2013.01)

Cited by

EP2997945A1; CN110693654A; WO2016042444A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2662060 A2 20131113; **EP 2662060 A3 20140219**; **EP 2662060 B1 20150902**; DK 177506 B1 20130812

DOCDB simple family (application)

EP 13166995 A 20130508; DK PA201200732 A 20121120