Title (en)

Off-road motor vehicle for a paraplegic handicapped person.

Title (de)

Geländemotorfahrzeug für paraplektisch Behinderte.

Title (fr)

Véhicule automobile tout terrain pour handicapé paraplégique.

Publication

EP 0495713 A1 19920722 (FR)

Application

EP 92400101 A 19920115

Priority

FR 9100713 A 19910117

Abstract (en)

[origin: CA2059404A1] TO THE DISCLOSURE OFF-HIGHWAY MOTOR VEHICLE FOR PARAPLEGIC HANDICAPPED PERSONS The invention concerns an off-highway motor vehicle for paraplegic handicapped persons. It comprises a frame (1) whose base (1') has a U shape open towards the front, the paraplegic sitting on his wheelchair (3) being installed between the branches of the frame. The branches of the U are extended by two box plate girders (2) rotary-joined onto the frame and each including two wheels (8). In addition, the vehicle comprises a tubular frame (4) cooperating with two shoes (5) for embarking, disembarking and storing away the wheelchair ; these elements are rotary-joined (B,C) onto the frame and interconnected by a rocker bar (6). A kinematic chain transmits the movement of the drive train (7) to four driving wheels (8). The controls of the drive train and of the vehicle are provided on the frame (9). Figure 1. SP 6742 DC

[origin: CA2059404A1] The invention concerns an off-highway motor vehicle for paraplegic handicapped persons. It comprises a frame (1) whose base (1') has a U shape open towards the front, the paraplegic sitting on his wheelchair (3) being installed between the branches of the frame. The branches of the U are extended by two box plate girders (2) rotary-joined onto the frame and each including two wheels (8). In addition, the vehicle comprises a tubular frame (4) cooperating with two shoes (5) for embarking, disembarking and storing away the wheelchair ; these elements are rotary-joined (B.C) onto the frame and interconnected by a rocker bar (6). A kinematic chain transmits the movement of the drive train (7) to four driving wheels (8). The controls of the drive train and of the vehicle are provided on the frame (4).

Abstract (fr)

L'invention concerne un véhicule automobile tout terrain destiné à un handicapé paraplégique. Il comporte un châssis (1) dont la base (1') est en forme de U ouvert vers l'avant, entre les branches duquel vient s'insérer le paraplégique assis sur son fauteuil roulant (3). Les branches du U sont prolongées par deux poutres-caisson (2) articulées en rotation sur le châssis et comprenant chacune deux roues (8). Le véhicule comporte, en outre, un cadre tubulaire (4) coopérant avec deux sabots (5) pour embarquer, débarquer, arrimer le fauteuil roulant ; ces éléments sont articulés en rotation (B.C.) sur le châssis et reliés entre eux par une biellette 6. Une chaîne cinématique transmet le mouvement du groupe motopropulseur (7) aux quatre roues motrices (8). Les commandes du groupe moteur et du véhicule sont prévues sur le cadre (4). <IMAGE>

IPC 1-7

A61G 3/02; A61G 5/04

IPC 8 full level

A61G 3/06 (2006.01); **A61G 5/04** (2013.01)

CPC (source: EP US)

A61G 3/062 (2013.01 - EP US); **A61G 3/0808** (2013.01 - EP US); **A61G 5/046** (2013.01 - EP US); **A61G 5/1051** (2016.10 - EP US); A61G 2220/145 (2013.01 - EP US); Y10S 180/907 (2013.01 - EP US); Y10S 414/134 (2013.01 - EP US)

Citation (search report)

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