

Title (en)

WHEEL-CHAIR FOR TRANSPORTING OR ASSISTING THE DISPLACEMENT OF AT LEAST ONE USER, PARTICULARLY FOR A HANDICAPED PERSON

Title (de)

STUHL MIT ROLLEN ZUM TRANSPORT ODER ZUR BEWEGUNGSHILFE MINDESTENS EINES BENUTZERS, INSEBESONDERE EINER BEHINDERTEN PERSON

Title (fr)

SIÈGE ROULANT POUR LE TRANSPORT OU L'ASSISTANCE AU DEPLACEMENT D'AU MOINS UN UTILISATEUR, NOTAMMENT D'UNE PERSONNE HANDICAPEE

Publication

EP 0740542 B1 20050202 (FR)

Application

EP 95936408 A 19951117

Priority

- CH 9500270 W 19951117
- CH 85795 A 19950323
- FR 9413998 A 19941118

Abstract (en)

[origin: WO9615752A1] The wheel-chair according to the invention comprises a frame (60) carrying a support for the user, particularly a seat, a push-chair pod or handles to facilitate walking. The frame comprises two parts (61, 62) connected by a transverse axis hinge (63). The first part (61) of the frame is provided with two main wheels (66) of which the common axis (67) is located at the vicinity of the action line (p) of the user's weight, and at least a front or rear support wheel (68). The second part (62) of the frame bears on the ground by means of at least one support wheel (69) at the other extremity of the seat. The wheels may be arranged in a lozenge configuration, the bearing wheels (68, 69) being freely orientable. Preferably, a spring member (72) connects the two parts of the frame to accumulate and restore the energy when clearing obstacles. In the case of a wheel-chair, the main wheels (66) are driven manually or by means of separate motors. Such apparatus is characterized by its maneuverability and its obstacle clearing capacity.

IPC 1-7

A61G 5/06

IPC 8 full level

A61G 5/04 (2013.01); **A61G 5/06** (2006.01); **A61G 5/10** (2006.01); **A61H 3/00** (2006.01); **A61H 3/04** (2006.01)

CPC (source: EP US)

A61G 5/043 (2013.01 - EP US); **A61G 5/06** (2013.01 - EP US); **A61G 5/1051** (2016.10 - EP US); **A61G 5/1078** (2016.10 - EP US); **A61G 5/1089** (2016.10 - EP US); **A61G 5/1075** (2013.01 - EP US); **A61G 2203/14** (2013.01 - EP US); **A61H 3/04** (2013.01 - EP US); **A61H 2003/001** (2013.01 - EP US); **A61H 2201/1633** (2013.01 - EP US); **Y10S 180/907** (2013.01 - EP US)

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IT202100005669A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9615752 A1 19960530; AT E288248 T1 20050215; AU 3837895 A 19960617; CA 2181439 A1 19960530; CA 2181439 C 20070220; CN 1138825 A 19961225; DE 69533978 D1 20050310; DE 69533978 T2 20060119; EP 0740542 A1 19961106; EP 0740542 B1 20050202; JP 3697638 B2 20050921; JP H09507785 A 19970812; US 5964473 A 19991012

DOCDB simple family (application)

CH 9500270 W 19951117; AT 95936408 T 19951117; AU 3837895 A 19951117; CA 2181439 A 19951117; CN 95191263 A 19951117; DE 69533978 T 19951117; EP 95936408 A 19951117; JP 51641296 A 19951117; US 67628596 A 19960716