

## 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, INSBESONDERE 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: US5964473A] PCT No. PCT/CH95/00270 Sec. 371 Date Jul. 17, 1996 Sec. 102(e) Date Jul. 17, 1996 PCT Filed Nov. 17, 1995 PCT Pub. No. WO96/15752 PCT Pub. Date May 30, 1996The chair according to the invention comprises a chassis (60) with a support for the user, specifically a seat, a cab for a stroller, or handles for pushing the device. The chassis consists of two portions (61, 62) connected by an articulation (63) with a transverse axle. The first chassis portion (61) is equipped with two main wheels (66) whose common axle (67) is near the line of action (p) of the user's weight, and at least one front or rear contact wheel (68). The second chassis portion (62) uses at least one contact wheel (69) to contact the ground at the other end of the chair. The wheels may be arranged in a diamond shape, and the contact wheels (68, 69) turn freely. There is preferably a spring device (72) connecting the two chassis portions to store and release energy when clearing obstacles. In the case of a wheelchair, the main wheels (66) are either manually driven or controlled by separate motors. The distinctive features of such a device are ease of manipulation and ability to clear obstacles.

## 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** (2016.11 - EP US); **A61G 5/1078** (2016.11 - EP US); **A61G 5/1089** (2016.11 - 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)

## Cited by

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