

Title (en)  
Device for assisting disabled persons

Title (de)  
Hilfsvorrichtung für behinderte Personen

Title (fr)  
Dispositif d'assistance à une personne handicapée

Publication  
**EP 1772132 A1 20070411 (EN)**

Application  
**EP 05022034 A 20051010**

Priority  
EP 05022034 A 20051010

Abstract (en)  
A device and procedure for disabled, impaired or handicapped persons or patients in reaching or maintaining a standing position, in which they can be transported, undressed, dressed, and/or washed in the abdominal region. The device includes a knee support (15) and a movable torso support (10) extending transversely in front of the lower to middle part of the torso of the person to be assisted. The person to be assisted leans with his/her torso slightly forward on the torso support during the raising movement in which the torso support moves simultaneously forward and upward until the person to be assisted has reached a position in which he/she is substantially standing whilst leaning forward over the torso support (10).

IPC 8 full level  
**A61G 5/14** (2006.01); **A61G 7/10** (2006.01)

CPC (source: EP US)  
**A61G 7/1007** (2013.01 - EP US); **A61G 7/1019** (2013.01 - EP US); **A61G 7/1034** (2013.01 - EP US); **A61G 7/1046** (2013.01 - EP US); **A61G 7/1086** (2013.01 - EP US); **A61G 7/1092** (2013.01 - EP US); **A61G 7/1096** (2013.01 - EP US); **A61G 2200/34** (2013.01 - EP US); **A61G 2200/36** (2013.01 - EP US)

Citation (applicant)  
• WO 2004098479 A1 20041118 - ARJO HOSPITAL EQUIPMENT AB [SE], et al  
• US 4918771 A 19900424 - JAMES DAVID R [GB]

Citation (search report)  
• [XY] WO 0121128 A1 20010329 - ZELJKO JOSIP [AU]  
• [A] WO 9611658 A1 19960425 - IKEDAMOHANDO CO LTD [JP], et al  
• [YA] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 07 31 July 1996 (1996-07-31)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 093 (C - 1029) 24 February 1993 (1993-02-24)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06 22 September 2000 (2000-09-22)

Cited by  
EP3124002A4; EP2783671A1; DK178035B1; AU2010266799B2; EP3412269A4; AU2016391449B2; EP2323606A4; IT201600127988A1; US2022008267A1; US11980578B2; US9009886B2; US8832874B2; USD999912S; WO2014154687A3; WO2021001375A1; WO2011147023A3; WO2011002312A1; TWI756104B; US9254232B2; US9295597B2; US10045895B2; US10251796B2; US10874565B2; US11801176B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1772132 A1 20070411**; US 2007085405 A1 20070419

DOCDB simple family (application)  
**EP 05022034 A 20051010**; US 55855306 A 20061110