

Title (en)
Foldable wheelchair

Title (de)
Faltbarer Rollstuhl

Title (fr)
Chaise roulante pliable

Publication
EP 1454606 A1 20040908 (EN)

Application
EP 03005074 A 20030307

Priority
EP 03005074 A 20030307

Abstract (en)
It is a folding wheelchair for disabled persons characterized in that the folding and the opening can occur by only one hand acting on the top of a post of the backrest let it collapse moving it against the seat and let it raise taking it to the vertical position. The post of the backrest is so structured in order to achieve a lever with unequal arms which transmits the force by kinematic mechanisms which let the owned angular position change by turning elements of the kinematic pantographic system which connects one to the other the bearing structures of the sides of the wheelchair (Fig. 4).
<IMAGE>

IPC 1-7
A61G 5/08

IPC 8 full level
A61G 5/08 (2006.01); **A61G 5/12** (2006.01)

CPC (source: EP)
A61G 5/08 (2013.01); **A61G 5/0816** (2016.10); **A61G 5/0866** (2016.10); **A61G 5/1054** (2016.10); **A61G 5/1075** (2013.01); **A61G 5/12** (2013.01)

Citation (search report)
• [XY] US 6173986 B1 20010116 - SICHER JACK [US]
• [Y] WO 02056816 A1 20020725 - SUNRISE MEDICAL HHG INC [US]
• [X] DE 10040902 A1 20010322 - MOLL THISSEN JOSEF [CH]
• [A] DE 19653324 A1 19980312 - BOHNER MATTHIAS [DE], et al
• [A] US 5593173 A 19970114 - WILLIAMSON DANIEL E [US]
• [A] US 4712830 A 19871215 - CHARBROL JEAN-JACQUES [FR], et al

Cited by
EP3120819A1; GB2458168A; EP2799054A1; GB2513584B; US9629763B2; US9642756B2; WO2014046551A1; WO2014020377A1

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