

Title (en)
STAIR-CLIMBING DEVICE, SUCH AS FOR INVALIDS' WHEELCHAIRS

Publication
EP 0287857 B1 19910529 (DE)

Application
EP 88105074 A 19880329

Priority
DE 3713564 A 19870423

Abstract (en)
[origin: EP0287857A2] The stair-climbing device (15) which is suitable for example for wheelchairs (10) and driven by an electric motor has two running wheel pairs (17a/17b) which swivel about drive shafts (20a, 20b) which are separate and eccentric but driven together and which running wheel pairs thus successively come to rest on a step of the stair or are lowered thereon. At the same time, blocking of the individual running wheels during their swivel movement can be carried out by means of braking devices assigned to the individual running wheels (17a, 17b) in order to prevent an undesired rolling away of the wheelchair (10) over the edge of a stair. <IMAGE>

IPC 1-7
A61G 5/04; B62B 5/02

IPC 8 full level
A61G 5/02 (2006.01); **A61G 5/04** (2006.01); **A61G 5/06** (2006.01); **B62B 3/00** (2006.01); **B62B 5/02** (2006.01)

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A61G 5/061 (2013.01 - EP US); **A61G 5/063** (2013.01 - EP US); **Y10S 180/907** (2013.01 - EP US); **Y10S 280/10** (2013.01 - EP US)

Cited by
NL1017952C2; WO02087951A1; EP1186284A1; US5833249A; CN102836035A; EP2135793A2; WO2008142642A1; US9510981B2; US9925098B2; US10406043B2; US11071661B2; US11737933B2

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