

Title (en)
PROPULSION DEVICE FOR A MANUAL WHEELCHAIR

Title (de)
ANTRIEBSVORRICHTUNG FÜR EINEN MANUELLEN ROLLSTUHL

Title (fr)
DISPOSITIF DE PROPULSION DESTINÉ À UN FAUTEUIL MANUEL

Publication
EP 2862551 A1 20150422 (EN)

Application
EP 14188585 A 20141013

Priority
• EP 13188604 A 20131014
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Abstract (en)
Propulsion device for a manual wheelchair, comprising at least one manual wheelchair handrim (10), at least one freewheel (50) for coupling the handrim (10) to a rear wheel (1) of a manual wheelchair such that the handrim (10) is engaged with the rear wheel (1) when the handrim (10) is rotated in a forward direction and disengaged from the rear wheel (1) when the handrim (10) is rotated in a backward direction; at least one energy storage device (51) coupled to the handrim (10) for storing energy from the handrim (10) when the handrim (10) is coupled to a rear wheel (1) of a manual wheelchair and turned in a backward direction, wherein the energy storage device (51) is configured such that energy stored therein is provided for driving a wheel (1) of a manual wheelchair coupled to said propulsion device. Wheelchair comprising such a propulsion device.

IPC 8 full level
A61G 5/02 (2006.01); **A61G 5/10** (2006.01)

CPC (source: EP)
A61G 5/023 (2013.01); **A61G 5/1054** (2016.10)

Citation (search report)
• [A] WO 8502155 A1 19850523 - OESTERREICH H SANITAETSHAUS [DE]
• [A] WO 9302911 A1 19930218 - GALUMBECK MICHAEL H [US]
• [A] US 5826897 A 19981027 - BEARD DAVID L [US]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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