

Title (en)
TRACKED MOBILITY DEVICE

Title (de)
VERFOLGTE MOBILITÄTSVORRICHTUNG

Title (fr)
DISPOSITIF DE MOBILITÉ À CHENILLES

Publication
EP 3043762 A4 20170524 (EN)

Application
EP 14843774 A 20140912

Priority
• US 201314024956 A 20130912
• US 2014055395 W 20140912

Abstract (en)
[origin: WO2015038893A1] A tracked mobility device includes a pair of track drives having a rear weight-bearing wheel assembly, a center weight-bearing wheel assembly, a forward weight-bearing wheel assembly, and a front roller assembly. The rear weight-bearing wheels, the center weight-bearing wheels, and the forward weight-bearing wheels are fixed to the frame at a height effective to cause the main weight-bearing surface to always have a "V"-shaped lower surface when viewed from the side. The center weight-bearing wheels, the forward weight-bearing wheels, and the front rollers are fixed to the frame at a height effective to cause that portion of each track drive always to have a "V"-shaped lower surface when viewed from the side. At least one powered drive wheel is provided, and at least one of the rollers is a tensioning roller.

IPC 8 full level
A61G 5/06 (2006.01); **B62D 55/02** (2006.01); **B62D 55/075** (2006.01); **B62D 55/08** (2006.01)

CPC (source: EP)
A61G 5/066 (2013.01); **A61G 5/1089** (2016.10); **B62D 55/00** (2013.01); **A61G 5/04** (2013.01); **A61G 2203/14** (2013.01)

Citation (search report)
• [XI] JP 2000005237 A 20000111 - KOSAKAI MASAHIRO
• [XY] FR 2817806 A1 20020614 - LE MASNE DE CHERMONT HERVE MAR [FR]
• [A] US 2013048393 A1 20130228 - JACOBS JEFFREY DAVID [US]
• [XDY] US 2011031045 A1 20110210 - UNDERWOOD TRAVIS [US]
• See references of WO 2015038893A1

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

DOCDB simple family (publication)
WO 2015038893 A1 20150319; WO 2015038893 A8 20150521; WO 2015038893 A9 20160331; AU 2014318620 A1 20160505;
AU 2014318620 A9 20160616; CA 2924293 A1 20150319; EP 3043762 A1 20160720; EP 3043762 A4 20170524

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