

Title (en)

DRIVE MECHANISMS USED IN THE DESIGN OF COMPACT, CARRY-ON VEHICLES

Title (de)

ANTRIEBSMECHANISMEN FÜR DAS DESIGN VON KOMPAKTEN, TRAGFAHRZEUGEN

Title (fr)

MÉCANISMES D'ENTRAÎNEMENT UTILISÉS DANS LA CONCEPTION DE VÉHICULES PORTATIFS COMPACTS

Publication

EP 2753536 A4 20150701 (EN)

Application

EP 11872029 A 20110909

Priority

US 2011051129 W 20110909

Abstract (en)

[origin: WO2013036246A1] The teachings provided herein are generally directed to compact vehicle drive mechanisms that can be used in the design of a foldable, carry-on vehicle. The compact drive mechanisms presented herein, for example, have contributed to the advent of the compact, carry-on bicycles set-forth in the teachings which include drive-and-steering units and drive-and-chassis units.

IPC 8 full level

B62K 15/00 (2006.01); **B62K 3/02** (2006.01); **B62M 1/12** (2006.01); **B62M 1/36** (2013.01); **B62M 9/06** (2006.01); **B62M 11/00** (2006.01);
B62M 17/00 (2006.01)

CPC (source: EP)

B62K 15/008 (2013.01); **B62K 25/005** (2013.01); **B62M 6/40** (2013.01); **B62M 17/00** (2013.01); **B62M 9/06** (2013.01)

Citation (search report)

- [XAY] JP H0699871 A 19940412 - FUJI HEAVY IND LTD
- [XAY] WO 9943538 A1 19990902 - SKOOT INT LTD [GB], et al
- [XA] WO 8303232 A1 19830929 - LICENCIA TALALMANYOKAT [HU]
- [XA] FR 2928338 A1 20090911 - GOMES JOSE MANUEL [FR]
- [XA] DE 3506129 A1 19860828 - SCHWARZ OSKAR DIPL.ING
- [XA] CN 1836966 A 20060927 - WANG HUAN [CN]
- [XA] CN 201077505 Y 20080625 - KEN CHEN [CN]
- [XA] CN 2585808 Y 20031112 - YIN JIAYU [CN]
- [XA] JP S55165892 U 19801128
- [XA] CN 2478913 Y 20020227 - HE XIANGWEN [CN]
- [XA] CN 2406906 Y 20001122 - CHEN YIZHI [CN]
- [XA] JP S57205284 A 19821216 - HASHIMOTO KIKUSHIROU
- [XA] CN 101386324 A 20090318 - FUSHENG ZHAN [CN]
- [X] CN 201193072 Y 20090211 - FUSHENG ZHAN [CN]
- [A] JP 2002145157 A 20020522 - WING SEKKEI KK
- [YA] CN 2820689 Y 20060927 - YANG SHULIN [CN]
- [YA] JP H10194179 A 19980728 - YAMAHA MOTOR CO LTD
- [A] JP 2005205971 A 20050804 - KIRINO HIDEKI
- [A] US 2007187922 A1 20070816 - BOUTAKIS PETER A [CA]
- See references of WO 2013036246A1

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 2013036246 A1 20130314; EP 2753536 A1 20140716; EP 2753536 A4 20150701; HK 1198980 A1 20150619

DOCDB simple family (application)

US 2011051129 W 20110909; EP 11872029 A 20110909; HK 14112313 A 20141208