

Title (en)  
COMPACT PULLING APPARATUS

Title (de)  
KOMPAKTE ZUGVORRICHTUNG

Title (fr)  
APPAREIL COMPACT DE TRACTION

Publication  
**EP 3019389 A1 20160518 (EN)**

Application  
**EP 14822232 A 20140630**

Priority  
• US 201361844893 P 20130711  
• CA 2014050626 W 20140630

Abstract (en)  
[origin: WO2015003262A1] The compact pulling apparatus (100) includes a watertight elongated housing (104) extending along a longitudinal axis (105) and a track (102) disposed around the housing (104) along its longitudinal axis (105). The track (102) enables the apparatus (100) to move when rotatably driven around the housing (104). Depending on the implementation, the apparatus (100) can include a generator/motor (202) to selectively produce electricity which can power external equipment and rotatably drive the track (102), and/or a fuel-power engine (200). The apparatus (100) further includes a power train assembly by which the rotating output power is transmitted from inside to outside the housing (104) by the power train assembly using at least one rotatable shaft section sealingly extending across a corresponding one of the walls of the housing (104).

IPC 8 full level  
**B62D 51/02** (2006.01); **A63C 5/08** (2006.01); **A63C 11/10** (2006.01)

CPC (source: EP MX)  
**A63C 11/10** (2013.01 - EP); **B62D 51/02** (2013.01 - MX); **B62D 51/007** (2013.01 - EP); **B62D 55/07** (2013.01 - EP)

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DOCDB simple family (publication)  
**WO 2015003262 A1 20150115**; BR 112016000306 A2 20170725; BR 112016000306 B1 20210921; CA 2917718 A1 20150115; CA 2917718 C 20200121; CN 105431346 A 20160323; CN 105431346 B 20210202; EP 3019389 A1 20160518; EP 3019389 A4 20160713; HK 1216872 A1 20161209; JP 2016525039 A 20160822; JP 6458800 B2 20190130; KR 102206902 B1 20210122; KR 20160032154 A 20160323; MX 2016000322 A 20160718

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