

Title (en)
VEHICLE PROVIDED WITH WINCH TRANSMISSION

Title (de)
MIT EINEM WINDENANTRIEB VERSEHENES FAHRZEUG

Title (fr)
VÉHICULE COMPORTANT UNE TRANSMISSION PAR TREUIL

Publication
EP 2421745 A1 20120229 (EN)

Application
EP 10714282 A 20100420

Priority
• EP 2010055151 W 20100420
• IT MC20090090 A 20090422

Abstract (en)
[origin: WO2010121999A1] A vehicle (1) is described, comprising a driving shaft (2), a driven shaft (6) and a transmission (5) to transmit the rotation of the driving shaft (2) to the driven shaft (6). The driven shaft (6) is a crank shaft that comprises a first housing section (61) and a second housing section (63) in which a first group of pulleys (P1, P3, P5) and a second group of pulleys (P7, P9, P11) are respectively mounted. A third group of pulleys (P2, P4, P6, P8, P10) is mounted on the driving shaft (2) and a rope (7) is alternatively returned to the pulleys of the driven shaft and to the pulleys of the driving shaft. Lock devices (D1, D2) are provided to lock in sequential exclusive mode the rotation of two pulleys (P4, P8) of the driving shaft.

IPC 8 full level
B62M 9/06 (2006.01); **B62M 1/36** (2013.01); **B62M 15/00** (2006.01)

CPC (source: EP)
B62M 1/36 (2013.01); **B62M 9/06** (2013.01); **B62M 15/00** (2013.01)

Citation (search report)
See references of WO 2010121999A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010121999 A1 20101028; EP 2421745 A1 20120229; IT 1393646 B1 20120508; IT MC20090090 A1 20101023

DOCDB simple family (application)
EP 2010055151 W 20100420; EP 10714282 A 20100420; IT MC20090090 A 20090422