

Title (en)

Device for motorised drive of a movable structure and movable structure comprising such a device

Title (de)

Motorisierte Antriebsvorrichtung einer mobilen Struktur und mit einer solchen Vorrichtung ausgestattete mobile Struktur

Title (fr)

Dispositif d'entraînement motorisé d'une structure mobile et structure mobile comprenant un tel dispositif

Publication

EP 2692977 B1 20160316 (FR)

Application

EP 13178732 A 20130731

Priority

FR 1257417 A 20120731

Abstract (en)

[origin: EP2692977A1] The device has a mechanical transmission assembly (27) comprising an input shaft (31) to which a motor (26) is coupled. Cylindrical output pinions (41, 41') are integrally mounted on an output shaft (40) of the assembly. Pinions (49) are integrally mounted with a wheel (13) and arranged on both sides of the wheel, where each pinion is adapted to be rotated by the respective output pinion. The assembly has a housing (28), and the output pinions are extended outside of the housing. The assembly has cylindrical intermediate pinions (42, 42') meshed with the pinions. An independent claim is also included for a movable structure e.g. shelter structure, for a swimming pool.

IPC 8 full level

E05F 15/635 (2015.01)

CPC (source: EP US)

E05F 15/635 (2015.01 - EP); **E05F 15/641** (2015.01 - EP US); **E05Y 2201/674** (2013.01 - EP US)

Cited by

CN106571717A; CN110499993A; EP3936684A1; FR3112360A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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