

Title (en)

A STORAGE BOX FOR SMALL ELECTRICAL VEHICLES

Title (de)

AUFBEWAHRUNGSBOX FÜR KLEINE ELEKTRISCHE FAHRZEUGE

Title (fr)

BOÎTE DE RANGEMENT POUR PETITS VÉHICULES ÉLECTRIQUES

Publication

EP 3472409 A1 20190424 (EN)

Application

EP 17814812 A 20170614

Priority

- FI 20160163 A 20160620
- FI 2017000011 W 20170614

Abstract (en)

[origin: WO2017220849A1] In the invention a storage box (100) is provided for a small electric vehicle which storage box has a body (101), a door (102), a floor arrangement (103), and a groove (115) in the inner wall of the body and a first pivoting crank arrangement (106) and a second pivoting crank arrangement (109). The first pivoting crank arrangement is attached to the door, the second pivoting crank arrangement being attached to the floor arrangement and the pivoting crank arrangements are connected to each other by means of a joint arrangement (114) which moves in the groove. When the storage box door opens, the sliding floor arrangement slides out of the storage box by means of the said system. When closing the door, the floor arrangement slides back into the storage box. A small electric vehicle is placed onto the outwardly extended floor arrangement and when the door is closed, the vehicle transfers with the floor arrangement inside the storage box. When opening the door, the floor arrangement pulls out the small electrical vehicle that was stowed inside, leaving it ready for use.

IPC 8 full level

B65D 85/68 (2006.01); **E04H 6/00** (2006.01); **E04H 6/06** (2006.01)

CPC (source: EP FI)

B65D 85/68 (2013.01 - EP); **E04H 6/005** (2013.01 - EP); **E04H 6/04** (2013.01 - EP FI); **E04H 6/06** (2013.01 - EP); **E04H 6/42** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017220849 A1 20171228; EP 3472409 A1 20190424; EP 3472409 A4 20200304; FI 127142 B 20171215; FI 20160163 A 20171215

DOCDB simple family (application)

FI 2017000011 W 20170614; EP 17814812 A 20170614; FI 20160163 A 20160620