

Title (en)
MOTION SIMULATING DEVICE

Title (de)
BEWEGUNGSSIMULATIONSVORRICHTUNG

Title (fr)
DISPOSITIF DE SIMULATION DE MOUVEMENTS

Publication
EP 3563915 B1 20230607 (EN)

Application
EP 19172362 A 20190502

Priority
TW 107115177 A 20180504

Abstract (en)
[origin: EP3563915A1] A motion simulating device includes a positioning unit (2), at least one carrier unit (32) adapted for carrying at least one user (5), at least one motion mechanism (3), and a display unit (4) for displaying image information for viewing by the at least one user (5). The at least one motion mechanism (3) includes a motion arm (31), a first driver (34), and a second driver (35) . The motion arm (31) has a first end portion (311) connected to the positioning unit (2) and pivotable relative to the positioning unit (2) about a first axis (310), and a second end portion (313) opposite to the first end portion (311) . The at least one carrier unit (32) is connected to the second end portion (313) of the motion arm (31) and pivotable relative to the motion arm (31) about a second axis (312).

IPC 8 full level
A63G 31/16 (2006.01); **A63G 31/00** (2006.01)

CPC (source: CN EP US)
A63G 31/00 (2013.01 - EP); **A63G 31/02** (2013.01 - US); **A63G 31/16** (2013.01 - EP US); **A63J 25/00** (2013.01 - CN)

Citation (examination)
WO 2015071693 A1 20150521 - ROBOCOASTER LTD [GB]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3563915 A1 20191106; **EP 3563915 B1 20230607**; **EP 3563915 C0 20230607**; CN 110433506 A 20191112; CN 210096946 U 20200221; TW 201947551 A 20191216; TW I676161 B 20191101; US 2019336871 A1 20191107

DOCDB simple family (application)
EP 19172362 A 20190502; CN 201910326905 A 20190423; CN 201920555841 U 20190423; TW 107115177 A 20180504; US 201916403346 A 20190503