

Title (en)

Driving device for a footrest pedestal

Title (de)

Antriebsvorrichtung für eine Fußstütze

Title (fr)

Dispositif de commande pour socle de repose-pied

Publication

EP 1972232 A1 20080924 (EN)

Application

EP 07104631 A 20070321

Priority

EP 07104631 A 20070321

Abstract (en)

A driving device for a footrest pedestal is mounted between a frame (3) and a footrest (2) on the frame (3) and has a driver body (11) with two ends respectively equipped with a retractable driving shaft (111) and the pivotal block (112), a motor (113) mounted beside the driver body (11), and an auxiliary pivotal base mounted on the frame (3) to combine with the pivotal block (112). The auxiliary pivotal base has a movable connector (12) engaged with the pivotal block (112), an immovable connector (14) mounted on the frame (3) and an extension rod (13) pivotally connected between the movable and immovable connectors (12, 14) so that the extension rod (13) is liftable to adjust the distance of a lower end of the driver body (11) and an end of the driving shaft (111) to keep the driving shaft (111) retracting thus to avoid motor idle running.

IPC 8 full level

A47C 7/50 (2006.01); **A47C 16/02** (2006.01)

CPC (source: EP US)

A47C 7/5066 (2018.07 - EP US); **A47C 16/025** (2013.01 - EP)

Citation (search report)

- [A] FR 2762196 A1 19981023 - MATTON JEAN PIERRE [FR]
- [A] US 2002113478 A1 20020822 - KASAHARA TARO [JP]

Cited by

CN106235727A; JP2013031470A; CN110547943A; JP2019208566A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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