

Title (en)

DRIVING DEVICE TO OBTAIN A PROGRESSIVE BILATERAL MOVEMENT FOR AN OBJECT GUIDED ON RECTILINEAR RAILS

Publication

EP 0063792 B1 19860102 (FR)

Application

EP 82103400 A 19820422

Priority

FR 8108304 A 19810427

Abstract (en)

[origin: US4437808A] An apparatus for causing a load support guided on rectilinear rails to move gradually. The apparatus having a rectilinear slot integral with the support to be driven and a crankpin which engages in the slot and forces the slot to move. The slot (54) is elongated perpendicularly to the direction of movement and is open at both its ends and it has two toothed wheels (42, 43) driven in opposite directions, mounted on either side of a neutral central position of the slot and each bearing an excentric crankpin (50, 52) which engages in the slot and drives it while it runs through a half-circumference round the toothed wheel, the other crankpin engaging in the slot and driving it while it runs alone through the other half-circumference.

IPC 1-7

B66F 9/14; B65G 1/04

IPC 8 full level

B66F 9/14 (2006.01)

CPC (source: EP US)

B66F 9/141 (2013.01 - EP US); **Y10T 74/18256** (2015.01 - EP US)

Cited by

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Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0063792 A1 19821103; **EP 0063792 B1 19860102**; DE 3268235 D1 19860213; FR 2504507 A1 19821029; FR 2504507 B1 19850412; NO 160652 B 19890206; NO 160652 C 19890516; NO 821352 L 19821028; US 4437808 A 19840320

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EP 82103400 A 19820422; DE 3268235 T 19820422; FR 8108304 A 19810427; NO 821352 A 19820426; US 36752282 A 19820412