

Title (en)

DEVICE FOR THE CURVILINEAR MOTION OF AN OBJECT IN CONTACT WITH A SURFACE, IN PARTICULAR WITH A CONVEX SURFACE

Publication

EP 0402216 B1 19930120 (FR)

Application

EP 90401491 A 19900601

Priority

FR 8907403 A 19890605

Abstract (en)

[origin: EP0402216A1] Device for the curvilinear motion of an object in contact with a surface, in particular with a convex or complex surface, comprising a vertical support frame (10) disposed in the vicinity of the surface (18) and a support arm constituted by at least one pantograph (1), of which one end (8), integral with the vertical support frame, is displaceable on demand according to the height of the latter and the other end of which carries the object (17) to be displaced without contact and at a good distance from the surface. According to the invention, this device is characterised in that at least of the axes (4) of articulation of the arm of the pantograph (1) is displaced, with the movement of the arm facing the frame (10), in a groove (21) whose profile is homothetic with that of the surface and which is situated in a vertical plane containing the pantograph arm. <IMAGE>

IPC 1-7

B66F 11/04

IPC 8 full level

B66F 11/04 (2006.01)

CPC (source: EP US)

B66F 11/044 (2013.01 - EP US)

Cited by

DE4217698A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0402216 A1 19901212; EP 0402216 B1 19930120; DE 402216 T1 19910502; DE 69000788 D1 19930304; DE 69000788 T2 19930819; FR 2647770 A1 19901207; FR 2647770 B1 19910906; US 5109951 A 19920505

DOCDB simple family (application)

EP 90401491 A 19900601; DE 69000788 T 19900601; DE 90401491 T 19900601; FR 8907403 A 19890605; US 63473690 A 19901227