

Title (en)

ARRANGEMENT FOR TRANSPORT AND/OR CONTROL OF PARTS MOVABLE ALONG A PATH

Publication

EP 0025124 B1 19860709 (DE)

Application

EP 80104701 A 19800809

Priority

DE 2932630 A 19790811

Abstract (en)

[origin: EP0025124A1] 1. Apparatus for transporting and steering movable articles (12) as f.e. toy cars, along a track (11, 18, 22, 26, 31) at which the propelling force is transmitted from the track (11, 18, 22, 26, 31) by means of a contactless electro-magnetic field to at least one permanent magnet (32, 41, 48, 54, 58, 60, 83) serving as a receiver in the movable article (12) rotating by the influence of the field characterised in that the permanent magnet or the permanent magnets (31, 41, 48, 54, 58, 60, 83) are configured in the form of a wheel or a shaft and magnetised in the direction of the shaft or wheel-diameter, that the track (18) comprises a plurality of track elements (1) which have one or several coils (4, 4', 13, 15) which can be electrically and mechanically connected and that the coils (4, 4', 13, 15) create an alternating field for transport and/or a direct field for steering, especially guiding of the movable part (12).

IPC 1-7

A63H 29/22; **A63H 18/12**; **H02J 17/00**

IPC 8 full level

A63H 18/10 (2006.01); **A63H 18/12** (2006.01); **A63H 29/22** (2006.01); **H02J 17/00** (2006.01)

CPC (source: EP)

A63H 18/10 (2013.01)

Citation (examination)

DE 941659 C 19560412 - KAISER HELMUT DIPL-ING [DE]

Cited by

EP0091971A1; CN103259346A; EP0351496A3; CN107934426A

Designated contracting state (EPC)

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EP 0025124 A1 19810318; **EP 0025124 B1 19860709**; AT E20644 T1 19860715; DE 2932630 A1 19810212; DE 2932630 C2 19830127

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