

Title (en)

Travelling gear for running on the lower flange of a monorail.

Title (de)

Einschienenbahn-Unterflansch-Fahrwerk.

Title (fr)

Mécanisme de déplacement circulant le long du rebord inférieur d'un monorail.

Publication

EP 0505016 B1 19950412 (DE)

Application

EP 92250044 A 19920227

Priority

DE 4109971 A 19910322

Abstract (en)

[origin: EP0505016A1] The invention relates to travelling gear for running on the lower flange of a monorail, having load-bearing running wheels on the two sides of an L-shaped travel rail on which front and rear lateral guide rollers, mounted on perpendicular axles, of the running gear loaded on one side by a travel motor rest. <??>In order to prevent pitching movements and lateral swinging of the travelling gear as a result of swinging of the hoisting gear suspended from the travelling gear with its load, it is proposed according to the invention that at least one support roller carrier (5) be coupled at least to the travelling gear side carrier (2) lying opposite the travel motor coaxially with respect to the axle (7) of one of the guide rollers (4) and that it should rest, at the end lying opposite the guide roller (4), with a supplementary guide roller (4a) mounted on a perpendicular roller axle (9) laterally on the travel rail (17) under the force of a spring (12) and that, in the support roller carrier (5), a support roller (6) resting from below against the girder (18) of the travel rail (17) be mounted on a horizontal support roller axle (8). <IMAGE>

IPC 1-7

B66C 9/14

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN108909358A; CN108909359A; EP0681988A1; US5623879A; GB2336346A; GB2336346B; DE102008032151A1; EP0727383A3; DE102008032151B4; WO2007087854A1; US8082854B2

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