

Title (en)

Trolley, in particular monorail trolley with reduced height

Title (de)

Laufkatze, insbesondere Einschienenkatze mit kurzer Bauhöhe

Title (fr)

Chariot roulant, en particulier chariot roulant monorail de faible hauteur

Publication

EP 0620179 B1 19980610 (DE)

Application

EP 94250088 A 19940406

Priority

DE 4312908 A 19930413

Abstract (en)

[origin: EP0620179A1] The invention relates to a trolley, in particular a single-rail trolley of low overall height. The trolleys are to have a compact and simple type of construction as well as a reliable drive. To this end, they are composed according to the invention of a supporting frame (7) with running wheels (3, 3a) mounted on axles (6, 6a) and movable on the bottom flange (4) of a rail (5), a lifting mechanism (1) arranged on the supporting frame (7), a travel drive (12) for one running wheel (3a), a lever element (8) which is pivotably arranged on the axle (6a) of the driven running wheel (3a) and on the free end of which a friction wheel in drive connection with the driven running wheel (3a) is mounted via a further axle, and a spring element (13) arranged between the lever element (8) and the supporting frame (7) for setting the friction wheel (9) to the bottom flange (4) of the rail (5). <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

CN102718142A; CN111532982A; CN102730558A; US5632207A; CN102514889A; DE10345102B4; EP1518817A3; US7234400B2; US10526175B2; WO2015110705A1; US10961085B2

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