

Title (en)

Running gear with adjustable gauge for railway vehicles (keyword: swing arm guidance)

Title (de)

Spurwechselfahrwerk für Schienenfahrzeuge (Stichwort: Schwingenführung)

Title (fr)

Train de roulement à écartement variable pour véhicules ferroviaires (mot clef : guidage à bras oscillant)

Publication

EP 1340664 B1 20070606 (DE)

Application

EP 03001888 A 20030129

Priority

DE 10208542 A 20020227

Abstract (en)

[origin: EP1340664A1] The variable gauge running gear for rail vehicles has four wheels (1) and elements for the positioning and locking of the track width. The wheels and an associated wheel hub drive (2) are installed in a swinging arm (3), whereby the swinging arms are connected to horizontal bearing axles (4) on a chassis frame and for track change are movable on them in the transverse direction. The range of travel of the swinging arms in the transverse direction is limited on both sides by fixed stop (5), with the swinging arms being lockable in their two end positions.

IPC 8 full level

B61F 7/00 (2006.01); **B61F 3/16** (2006.01); **B61F 5/32** (2006.01)

CPC (source: EP)

B61F 3/16 (2013.01); **B61F 5/325** (2013.01); **B61F 7/00** (2013.01)

Cited by

WO2017202449A1; CN109695355A; CN109204359A; EP3031693A1; CN105691413A; LT6694B; WO2020007071A1

Designated contracting state (EPC)

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