

CPC**COOPERATIVE PATENT CLASSIFICATION****B61B**

RAILWAY SYSTEMS; EQUIPMENT THEREFOR NOT OTHERWISE PROVIDED FOR ([lifts or hoists](#), [elevators](#), [escalators](#), [moving walkways](#) [B66B](#))

NOTE

In this subclass, the following terms are used with the meanings indicated:- "rope railways" covers railways using cables or chains as traction or suspension means;- "ropes", "cables", or "chains" are equivalent unless specifically mentioned

B61B 1/00

General arrangement of stations, platforms, or sidings; Railway networks; Rail vehicle marshalling systems ([shunting humps and shunting devices](#) [B61J](#) ; [construction of platforms](#) [E01F 1/00](#); [time-tables](#) [G09D](#))

B61B 1/005

- . {[Rail vehicle marshalling systems](#); [Rail freight terminals](#) ([Transferring or trans-shipping at storage areas or railway yards](#); [Marshalling yard installations](#) [B65G 63/00](#)) }

B61B 1/02

- . General arrangement of stations and platforms including protection devices for the passengers { ([B61B 1/005](#) takes precedence) }

Guidance heading: **Elevated railways**

B61B 3/00

Elevated railway systems with suspended vehicles ([with suspended flexible tracks](#) [B61B 7/00](#); [saddle or like balanced type with monorail](#) [B61B 13/06](#); [with propelling cables and for transporting materials](#) [B65G](#) ; [tracks therefor](#) [E01B 25/00](#))

B61B 3/02

- . with self-propelled vehicles

B61B 5/00

Elevated railway systems without suspended vehicles ([with monorail](#) [B61B 13/04](#); [tracks therefor](#) [E01B 25/00](#))

B61B 5/02

- . with two or more rails

B61B 5/025

- .. {[Sub-floor conveyer systems](#), e.g. where the vehicle is above the ground and where the running gear and the propulsion device are located underground or in a tube. ([tunnel systems](#): [B61B 13/10](#); [funiculas systems](#) [B61B 9/00](#)) }

Guidance heading: **Rope railways** ([shunting devices with cable traction](#) [B61J](#)) ; **Power and free systems**

B61B 7/00

Rope railway systems with suspended flexible tracks

B61B 7/02

- . with separate haulage cables

B61B 7/04

- . with suspended tracks serving as haulage cables

B61B 7/045

- .. {[having in each direction more than one track serving as haulage cables](#) }

B61B 7/06

- . with self-propelled vehicles

- B61B 9/00** Tramway or funicular systems with rigid track and cable traction (haulage clips [B61B 12/12](#))
- B61B 10/00** Power and free systems (ski lifts, sleigh lift or like trackless systems with guided towing cables only [B61B 11/00](#))
- B61B 10/001 . {Arrangements for routing vehicles }
- B61B 10/002 . . {according to destination marks }
- B61B 10/004 . . . {Mechanical destination marks }
- B61B 10/005 . . . {Magnetic, electric or electronic destination marks }
- B61B 10/007 . . . {Pneumatic destination marks }
- B61B 10/008 . . {according to destination signals stored in separate systems }
- B61B 10/02 . with suspended vehicles
- B61B 10/022 . . {Vehicles; trolleys }
- B61B 10/025 . . {Coupling and uncoupling means between power track and vehicles }
- B61B 10/027 . . {loading or unloading vehicles }
- B61B 10/04 . with vehicles rolling trackless on the ground
- B61B 10/043 . . {Fraction elements }
- B61B 10/046 . . {Impellers }
- B61B 11/00** Ski lift, sleigh lift or like trackless systems with guided towing cables only
- B61B 11/002 . {able to be dismantled or removed }
- B61B 11/004 . {Means connecting load and cable }
- B61B 11/006 . . {the load being a cycle }
- B61B 11/008 . . {the load being a sleigh }
- B61B 12/00** Component parts, details or accessories not provided for in groups [B61B 7/00](#) to [B61B 11/00](#) (railway brakes [B61H](#) ; turntables [B61J 1/06](#))
- B61B 12/002 . {Cabins; Ski-lift seats ([B61B 12/028](#) takes precedence) }
- B61B 12/005 . {Rescue devices for passengers (Safety devices for preventing accidents to passengers when entering or leaving railway vehicles [B61K 13/04](#); Emergency escape closures in vehicle bottom in general [B60J 9/02](#)) }
- B61B 12/007 . {Cable tensioning devices }
- B61B 12/02 . Suspension of the load; Guiding means, e.g. wheels; Attaching traction cables
- B61B 12/022 . . {Vehicle receiving and dispatching devices (acceleration or deceleration devices [B61B 12/105](#); cable grippers [B61B 12/12](#)) }
- B61B 12/024 . . . {Docking devices }

- B61B 12/026 . . {Guiding means for deflecting the direction of the cables between the stations }
- B61B 12/028 . . {Cabin or seat suspension means (comprising damping means: [B61B 12/04](#)) }
- B61B 12/04 . Devices for damping vibrations
- B61B 12/06 . Safety devices or measures against cable fracture
- B61B 12/08 . Cable lubrication
- B61B 12/10 . Cable traction drives
- B61B 12/105 . . {Acceleration devices or deceleration devices other than braking devices }
- B61B 12/12 . Cable grippers; Haulage clips
- B61B 12/122 . . {for aerial ropeways ([B61B 12/127](#) takes precedence) }
- B61B 12/125 . . {for non aerial ropeways, e.g. on or under the ground }
- B61B 12/127 . . {for ski lift, sleigh lift or like trackless systems }

Guidance heading: Other railway systems; Combinations of systems

B61B 13/00 Other railway systems

- B61B 13/02 . Rack railways
- B61B 13/04 . Monorail systems
- B61B 13/06 . . Saddle or like balanced type
- B61B 13/08 . Sliding or levitation systems (vehicles with air cushions between rails and vehicles [B60V 3/04](#))
- B61B 13/10 . Tunnel systems (pneumatic tubes conveyers [B65G](#)) { ([B61C 15/045](#) takes precedence) }
- B61B 13/12 . Systems with propulsion devices between or alongside the rails, e.g. pneumatic systems (cable traction [B61B 9/00](#); car shunting devices [B61J](#))
- B61B 13/122 . . {Pneumatic systems }
- B61B 13/125 . . {the propulsion device being a rotating shaft or the like }
- B61B 13/127 . . {the propulsion device consisting of stationary driving wheels }

B61B 15/00 Combinations of railway systems