

**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](#); funicular 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**