

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 transshipping 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)}

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](#))}

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}

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