

**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 conveyor 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](#) - [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 conveyors [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**