

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

- 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](#))
- 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](#))}
- 1/02** . General arrangement of stations and platforms including protection devices for the passengers ({[B61B 1/005](#) takes precedence})

Elevated railways

- 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](#))
 - 3/02 . with self-propelled vehicles
- 5/00 **Elevated railway systems without suspended vehicles** (with monorail [B61B 13/04](#); tracks therefor [E01B 25/00](#))
 - 5/02 . with two or more rails
 - 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**

- 7/00 **Rope railway systems with suspended flexible tracks**
- 7/02
 - with separate haulage cables
- 7/04
 - with suspended tracks serving as haulage cables
- 7/045
 - . {having in each direction more than one track serving as haulage cables}
- 7/06
 - with self-propelled vehicles
- 9/00 **Tramway or funicular systems with rigid track and cable traction ([haulage clips B61B 12/12](#))**
- 10/00 **Power and free systems ([ski lifts, sleigh lift or like trackless systems with guided towing cables only B61B 11/00](#))**
- 10/001
 - {Arrangements for routing vehicles}
- 10/002
 - . {according to destination marks}
- 10/004
 - . . {Mechanical destination marks}
- 10/005
 - . . {Magnetic, electric or electronic destination marks}

- | | |
|--------|---|
| 10/007 | . . . {Pneumatic destination marks} |
| 10/008 | . . {according to destination signals stored in
separate systems} |
| 10/02 | . with suspended vehicles |
| 10/022 | . . { Vehicles; trolleys} |
| 10/025 | . . {Coupling and uncoupling means between power
track abd vehicles} |
| 10/027 | . . {loading or unloading vehicles} |
| 10/04 | . with vehicles rolling trackless on the ground |
| 10/043 | . . {Fraction elements} |
| 10/046 | . . {Impellers} |

11/00 Ski lift, sleigh lift or like trackless systems with guided towing cables only

- 11/002 . { able to be dismantled or removed }
 11/004 . { Means connecting load and cable }
 11/006 . . { the load being a cycle }
 11/008 . . { the load being a sleigh }

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)**

- 12/002
 - {Cabins; Ski-lift seats ([B61B 12/028](#) takes precedence)}
- 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](#))}
- 12/007
 - {Cable tensioning devices}
- 12/02
 - Suspension of the load; Guiding means, e.g. wheels; Attaching traction cables
- 12/022
 - {Vehicle receiving and dispatching devices (acceleration or deceleration devices [B61B 12/105](#); cable grippers [B61B 12/12](#))}
- 12/024
 - • {Docking devices}
- 12/026
 - • {Guiding means for deflecting the direction of the cables between the stations}
- 12/028
 - • {Cabin or seat suspension means (comprising damping means: [B61B 12/04](#))}
- 12/04
 - Devices for damping vibrations
- 12/06
 - Safety devices or measures against cable fracture
- 12/08
 - Cable lubrication
- 12/10
 - Cable traction drives
- 12/105
 - • {Acceleration devices or deceleration devices other than braking devices}
- 12/12
 - Cable grippers; Haulage clips
- 12/122
 - • {for aerial ropeways ([B61B 12/127](#) takes precedence)}
- 12/125
 - • {for non aerial ropeways, e.g. on or under the ground}

- 12/127 . . {for ski lift, sleigh lift or like trackless systems}

Other railway systems; Combinations of systems**13/00 Other railway systems**

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

15/00 Combinations of railway systems