

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### TRANSPORTING

#### B61 RAILWAYS

(NOTE omitted)

#### 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	<b>General arrangement of stations, platforms, or sidings; Railway networks; Rail vehicle marshalling systems</b> (shunting humps and shunting devices <a href="#">B61J</a> ; construction of platforms <a href="#">E01F 1/00</a> ; time-tables <a href="#">G09D</a> )	9/00	<b>Tramway or funicular systems with rigid track and cable traction</b> (haulage clips <a href="#">B61B 12/12</a> )
1/005	• {Rail vehicle marshalling systems; Rail freight terminals (transferring or trans-shipping at storage areas or railway yards; marshalling yard installations <a href="#">B65G 63/00</a> )}	10/00	<b>Power and free systems</b> (ski lifts, sleigh lift or like trackless systems with guided towing cables only <a href="#">B61B 11/00</a> )
1/02	• General arrangement of stations and platforms including protection devices for the passengers {( <a href="#">B61B 1/005</a> takes precedence)}	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 and 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	<b>Ski lift, sleigh lift or like trackless systems with guided towing cables only</b>
		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	<b>Component parts, details or accessories not provided for in groups <a href="#">B61B 7/00</a> - <a href="#">B61B 11/00</a></b> (railway brakes <a href="#">B61H</a> ; turntables <a href="#">B61J 1/06</a> )
		12/002	• {Cabins; Ski-lift seats ( <a href="#">B61B 12/028</a> takes precedence)}
		12/005	• {Rescue devices for passengers (safety devices for preventing accidents to passengers when entering or leaving railway vehicles <a href="#">B61K 13/04</a> ; emergency escape closures in vehicle bottom in general <a href="#">B60J 9/02</a> )}
		12/007	• {Cable tensioning devices}
		12/02	• Suspension of the load; Guiding means, e.g. wheels; Attaching traction cables

##### 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](#); funiculars 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

- 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**