

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	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)	9/00	Tramway or funicular systems with rigid track and cable traction (haulage clips B61B 12/12)
1/005	<ul style="list-style-type: none"> • {Rail vehicle marshalling systems; Rail freight terminals (transferring or trans-shipping at storage areas or railway yards; marshalling yard installations B65G 63/00)} 	10/00	Power and free systems (ski lifts, sleigh lift or like trackless systems with guided towing cables only B61B 11/00)
1/02	<ul style="list-style-type: none"> • General arrangement of stations and platforms including protection devices for the passengers {(B61B 1/005 takes precedence)} 	10/001	<ul style="list-style-type: none"> • {Arrangements for routing vehicles}
Elevated railways		10/002	<ul style="list-style-type: none"> • . {according to destination marks}
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)	10/004	<ul style="list-style-type: none"> • . . {Mechanical destination marks}
3/02	<ul style="list-style-type: none"> • with self-propelled vehicles 	10/005	<ul style="list-style-type: none"> • . . {Magnetic, electric or electronic destination marks}
5/00	Elevated railway systems without suspended vehicles (with monorail B61B 13/04 ; tracks therefor E01B 25/00)	10/007	<ul style="list-style-type: none"> • . . . {Pneumatic destination marks}
5/02	<ul style="list-style-type: none"> • with two or more rails 	10/008	<ul style="list-style-type: none"> • . {according to destination signals stored in separate systems}
5/025	<ul style="list-style-type: none"> • . {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)} 	10/02	<ul style="list-style-type: none"> • with suspended vehicles
Rope railways (shunting devices with cable traction B61J); Power and free systems		10/022	<ul style="list-style-type: none"> • . {Vehicles; trolleys}
7/00	Rope railway systems with suspended flexible tracks	10/025	<ul style="list-style-type: none"> • . {Coupling and uncoupling means between power track and vehicles}
7/02	<ul style="list-style-type: none"> • with separate haulage cables 	10/027	<ul style="list-style-type: none"> • . {loading or unloading vehicles}
7/04	<ul style="list-style-type: none"> • with suspended tracks serving as haulage cables 	10/04	<ul style="list-style-type: none"> • with vehicles rolling trackless on the ground
7/045	<ul style="list-style-type: none"> • . {having in each direction more than one track serving as haulage cables} 	10/043	<ul style="list-style-type: none"> • . {Fraction elements}
7/06	<ul style="list-style-type: none"> • with self-propelled vehicles 	10/046	<ul style="list-style-type: none"> • . {Impellers}
		11/00	Ski lift, sleigh lift or like trackless systems with guided towing cables only
		11/002	<ul style="list-style-type: none"> • {able to be dismantled or removed}
		11/004	<ul style="list-style-type: none"> • {Means connecting load and cable}
		11/006	<ul style="list-style-type: none"> • . {the load being a cycle}
		11/008	<ul style="list-style-type: none"> • . {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	<ul style="list-style-type: none"> • {Cabins; Ski-lift seats (B61B 12/028 takes precedence)}
		12/005	<ul style="list-style-type: none"> • {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	<ul style="list-style-type: none"> • {Cable tensioning devices}
		12/02	<ul style="list-style-type: none"> • 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**