

**ECLA****EUROPEAN 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

**B61B1/00**

**General arrangement of stations, platforms, or sidings; Railway networks; Rail vehicle marshalling systems** ([shunting humps and shunting devices](#) [B61J](#); [construction of platforms](#) [E01F1/00](#); [time-tables](#) [G09D](#))

## B61B1/00B

- [\[N: Rail vehicle marshalling systems; Rail freight terminals \(Transferring or trans-shipping at storage areas or railway yards; Marshalling yard installations](#) [B65G63/00](#))]

## B61B1/02

- General arrangement of stations and platforms including protection devices for the passengers [\[N: \(](#)[B61B1/00B](#) [takes precedence\)](#)]

**Guide heading:****Elevated railways****B61B3/00**

**Elevated railway systems with suspended vehicles** ([with suspended flexible tracks](#) [B61B7/00](#); [saddle or like balanced type with monorail](#) [B61B13/06](#); [with propelling cables and for transporting materials](#) [B65G](#); [tracks therefor](#) [E01B25/00](#))

## B61B3/02

- with self-propelled vehicles

**B61B5/00**

**Elevated railway systems without suspended vehicles** ([with monorail](#) [B61B13/04](#); [tracks therefor](#) [E01B25/00](#))

## B61B5/02

- with two or more rails

## B61B5/02B

- [\[N: 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:](#) [B61B13/10](#)[; funiculars systems](#) [B61B9/00](#))]

**Guide heading:****Rope railways** ([shunting devices with cable traction](#) [B61J](#)); **Power and free systems****B61B7/00**

**Rope railway systems with suspended flexible tracks**

## B61B7/02

- with separate haulage cables

## B61B7/04

- with suspended tracks serving as haulage cables

## B61B7/04B

- [\[N: having in each direction more than one track serving as haulage cables\]](#)

## B61B7/06

- with self-propelled vehicles

<b>B61B9/00</b>	<b>Tramway or funicular systems with rigid track and cable traction</b> ( <a href="#">haulage clips B61B12/12</a> )
<b>B61B10/00</b>	<b>Power and free systems</b> (ski lifts, sleigh lift or like trackless systems with guided towing cables only <a href="#">B61B11/00</a> )
B61B10/00B	. [N: Arrangements for routing vehicles]
B61B10/00B2	. . [N: according to destination marks]
B61B10/00B2B	. . . [N: Mechanical destination marks]
B61B10/00B2D	. . . [N: Magnetic, electric or electronic destination marks]
B61B10/00B2F	. . . [N: Pneumatic destination marks]
B61B10/00B4	. . [N: according to destination signals stored in separate systems]
B61B10/02	. with suspended vehicles
B61B10/02B	. . [N: Vehicles; trolleys]
B61B10/02D	. . [N: Coupling and uncoupling means between power track and vehicles]
B61B10/02F	. . [N: loading or unloading vehicles]
B61B10/04	. with vehicles rolling trackless on the ground
B61B10/04B	. . [N: Friction elements]
B61B10/04D	. . [N: Impellers]
<b>B61B11/00</b>	<b>Ski lift, sleigh lift or like trackless systems with guided towing cables only</b>
B61B11/00A	. [N: able to be dismantled or removed]
B61B11/00B	. [N: Means connecting load and cable]
B61B11/00B2	. . [N: the load being a cycle]
B61B11/00B3	. . [N: the load being a sleigh]
<b>B61B12/00</b>	<b>Component parts, details or accessories not provided for in groups <a href="#">B61B7/00</a> to <a href="#">B61B11/00</a></b> (railway brakes <a href="#">B61H</a> ; turntables <a href="#">B61J1/06</a> )
B61B12/00B	. [N: Cabins; Ski-lift seats ( <a href="#">B61B12/02D</a> takes precedence)]
B61B12/00C	. [N: Rescue devices for passengers (Safety devices for preventing accidents to passengers when entering or leaving railway vehicles <a href="#">B61K13/04</a> ; Emergency escape closures in vehicle bottom in general <a href="#">B60J9/02</a> )]
B61B12/00D	. [N: Cable tensioning devices]
B61B12/02	. Suspension of the load; Guiding means, e.g. wheels; Attaching traction cables
B61B12/02B	. . [N: Vehicle receiving and dispatching devices (acceleration or deceleration devices <a href="#">B61B12/10B</a> ; cable grippers <a href="#">B61B12/12</a> )]
B61B12/02B2	. . . [N: Docking devices]

- B61B12/02C . . [N: Guiding means for deflecting the direction of the cables between the stations]
- B61B12/02D . . [N: Cabin or seat suspension means (comprising damping means: [B61B12/04](#))]
- B61B12/04 . Devices for damping vibrations
- B61B12/06 . Safety devices or measures against cable fracture
- B61B12/08 . Cable lubrication
- B61B12/10 . Cable traction drives
- B61B12/10B . . [N: Acceleration devices or deceleration devices other than braking devices]
- B61B12/12 . Cable grippers; Haulage clips
- B61B12/12B . . [N: for aerial ropeways ([B61B12/12D](#) takes precedence)]
- B61B12/12C . . [N: for non aerial ropeways, e.g. on or under the ground]
- B61B12/12D . . [N: for ski lift, sleigh lift or like trackless systems]

**Guide heading:** **Other railway systems; Combinations of systems**

#### **B61B13/00 Other railway systems**

- B61B13/02 . Rack railways
- B61B13/04 . Monorail systems
- B61B13/06 . . Saddle or like balanced type
- B61B13/08 . Sliding or levitation systems (vehicles with air cushions between rails and vehicles [B60V3/04](#))
- B61B13/10 . Tunnel systems (pneumatic tubes conveyers [B65G](#)) [N: ([B61C15/04B](#) takes precedence)]
- B61B13/12 . Systems with propulsion devices between or alongside the rails, e.g. pneumatic systems (cable traction [B61B9/00](#); car shunting devices [B61J](#))
- B61B13/12B . . [N: Pneumatic systems]
- B61B13/12C . . [N: the propulsion device being a rotating shaft or the like]
- B61B13/12D . . [N: the propulsion device consisting of stationary driving wheels]

#### **B61B15/00 Combinations of railway systems**