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

WARNING
In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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; funiculas 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 . . . {Cabin; Ski-lift seats (B61B 12/028 takes precedence)}
Rope railways; Power and free systems

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