

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

### TRANSPORTING

#### B61 RAILWAYS (NOTE omitted)

#### B61J SHIFTING OR SHUNTING OF RAIL VEHICLES ([shifting vehicles in general B60S](#); [marshalling systems B61B](#))

##### 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 Turntables; Traversers; Transporting rail vehicles on other rail vehicles or dollies ([shunting B61J 3/00](#))**

- 1/02 . Turntables; Integral stops
- 1/04 . . of normal railroad type
- 1/06 . . for railways with suspended vehicles, e.g. aerial rope railways
- 1/08 . . for connecting inclined tracks or tracks of different height ([wagon elevators B66](#))
- 1/10 . Traversers
- 1/12 . Rollers or devices for shifting or transporting rail vehicles on rails

#### **3/00 Shunting or short-distance haulage devices; Similar devices for hauling trains on steep gradients or as starting aids; Car propelling devices therefor ([overhead travelling cranes combined with auxiliary means for shunting railway vehicles B66C 17/26](#); [capstans B66D](#))**

- 3/02 . Gravity shunting humps ([track brakes or retarding apparatus fixed to permanent way B61K 7/02](#))
- 3/04 . Car shunting or haulage devices with cable traction or endless-chain driving means
- 3/06 . . with vehicle-engaging truck or carriage
- 3/08 . Devices with reciprocated pushing bars or like driving mechanisms combined with the track for shunting or hauling cars ([railway systems of this kind B61B 13/12](#))
- 3/10 . Car shunting or positioning devices with pinchbar action ([pinchbars, crowbars in general B66F 15/00](#))
- 3/12 . Self-propelled tractors or pushing vehicles, e.g. mules ([with cable traction B61J 3/06](#))

#### **99/00 Subject matter not provided for in other groups of this subclass**