

CPC**COOPERATIVE PATENT CLASSIFICATION****B61J**

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

Guidance heading:

B61J 1/00 **Turntables; Traversers; Transporting rail vehicles on other rail vehicles or dollies**
([shunting B61J 3/00](#))

- B61J 1/02 . Turntables; Integral stops
- B61J 1/04 . . of normal railroad type
- B61J 1/06 . . for railways with suspended vehicles, e.g. aerial rope railways
- B61J 1/08 . . for connecting inclined tracks or tracks of different height ([wagon elevators B66](#))
- B61J 1/10 . Traversers
- B61J 1/12 . Rollers or devices for shifting or transporting rail vehicles on rails

B61J 3/00 **Shunting or short-distance haulage devices; Similar device 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](#))

- B61J 3/02 . Gravity shunting humps ([track brakes or retarding apparatus fixed to permanent way B61K 7/02](#))
- B61J 3/04 . Car shunting or haulage devices with cable traction or endless-chain driving means
- B61J 3/06 . . with vehicle-engaging truck or carriage
- B61J 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](#))
- B61J 3/10 . Car shunting or positioning devices with pinchbar action ([pinchbars, crowbars in general B66F 15/00](#))
- B61J 3/12 . Self-propelled tractors or pushing vehicles, e.g. mules ([with cable traction B61J 3/06](#))

B61J 99/00 **Subject matter not provided for in other groups of this subclass**