

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