

ECLA EUROPEAN CLASSIFICATION

- B61J** **SHIFTING OR SHUNTING OF RAIL VEHICLES** (shifting vehicles in general [B60S](#); marshalling systems [B61B](#))
- B61J1/00** **Turntables; Traversers; Transporting rail vehicles on other rail vehicles or dollies** (shunting [B61J3/00](#))
- [B61J1/02](#) . Turntables; Integral stops
- [B61J1/04](#) . . of normal railroad type
- [B61J1/06](#) . . for railways with suspended vehicles, e.g. aerial rope railways
- [B61J1/08](#) . . for connecting inclined tracks or tracks of different height (wagon elevators [B66](#))
- [B61J1/10](#) . Traversers
- [B61J1/12](#) . Rollers or devices for shifting or transporting rail vehicles on rails
- B61J3/00** **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 [B66C17/26](#); capstans [B66D](#))
- [B61J3/02](#) . Gravity shunting humps (track brakes or retarding apparatus fixed to permanent way [B61K7/02](#))
- [B61J3/04](#) . Car shunting or haulage devices with cable traction or endless-chain driving means
- [B61J3/06](#) . . with vehicle-engaging truck or carriage
- [B61J3/08](#) . Devices with reciprocated pushing bars or like driving mechanisms combined with the track for shunting or hauling cars (railway systems of this kind [B61B13/12](#))
- [B61J3/10](#) . Car shunting or positioning devices with pinchbar action (pinchbars, crowbars in general [B66F15/00](#))
- [B61J3/12](#) . Self-propelled tractors or pushing vehicles, e.g. mules (with cable traction [B61J3/06](#))
- B61J99/00** **Subject matter not provided for in other groups of this subclass** [[N0704](#)]