

CPC COOPERATIVE PATENT CLASSIFICATION

E01B PERMANENT WAY; PERMANENT-WAY TOOLS; MACHINES FOR MAKING RAILWAYS OF ALL KINDS (derailing or rerailling blocks on track, track brakes or retarders [B61K](#))

Structure of the permanent way for railways or tramways

1/00 Ballastway; Other means for supporting the sleepers or the track; Drainage of the ballastway (draining by trenches, culverts, or conduits [E01F 5/00](#))

- 1/001 . {Track with ballast}
- 1/002 . {Ballastless track, e.g. concrete slab trackway, or with asphalt layers}
- 1/004 . . {with prefabricated elements embedded in fresh concrete or asphalt}
- 1/005 . . {with sleeper shoes}
- 1/007 . . {with interlocking means to withstand horizontal forces}
- 1/008 . {Drainage of track}

2/00 General structure of permanent way (railway networks [B61B 1/00](#); foundations for pavings [E01C 3/00](#); foundations in general [E02D](#))

- 2/003 . {Arrangement of tracks on bridges or in tunnels}
- 2/006 . {Deep foundation of tracks}

3/00 Transverse or longitudinal sleepers (for switches or crossings [E01B 7/22](#)); Other means resting directly on the ballastway for supporting rails

- 3/02 . made from wood (drying or impregnating [B27K](#))
- 3/04 . . Means for preventing cleaving
- 3/06 . . . Anti-cracking dogs
- 3/08 . . . Straps or bands for hooping or encircling sleepers (apparatus for hooping wooden railway sleepers on the spot [E01B 31/28](#))
- 3/10 . . Composite sleepers
- 3/12 . . Longitudinal sleepers; Longitudinal sleepers integral or combined with tie-rods; Combined longitudinal and transverse sleepers
- 3/14 . . Slabs; Blocks; Fastening tie-rods to them
- 3/16 . made from steel
- 3/18 . . Composite sleepers
- 3/20 . . Sleeper construction for special purposes, e.g. with openings for ballast working (sleepers for shiftable track for heavy loads [E01B 23/12](#))
- 3/22 . . Longitudinal sleepers; Longitudinal sleepers integral or combined with tie-rods; Combined longitudinal and transverse sleepers
- 3/24 . . Slabs; Blocks; Pot sleepers; Fastening tie-rods to them
- 3/26 . . combined with inserts of wood artificial stone or other material
- 3/28 . made from concrete or from natural or artificial stone (manufacture [B28](#))
- 3/30 . . Hollow sleepers
- 3/32 . . with armouring or reinforcement (hollow sleepers [E01B 3/30](#))
- 3/34 . . . with pre-tensioned armouring or reinforcement (pre-tensioned armouring or reinforcing elements [E04C 5/00](#))

- 3/36 . . Composite sleepers
- 3/38 . . Longitudinal sleepers; Longitudinal sleepers integral or combined with tie-rods; Combined longitudinal and transverse sleepers; Layers of concrete supporting both rails
- 3/40 . . Slabs; Blocks; Pot sleepers; Fastening tie-rods to them
- 3/42 . . combined with inserts of wood or other material
- 3/44 . made from other materials only if the material is essential
- 3/46 . made from different materials ([E01B 3/26](#), [E01B 3/42](#) take precedence)
- 3/48 . Distance keepers or tie-rods for sleepers

5/00 Rails; Guard rails (manufacture of rails [B21B](#)); Distance-keeping means for them

- 5/02 . Rails
- 5/04 . . Grooved rails
- 5/06 . . Reversible or invertible rails
- 5/08 . . Composite rails; Compound rails with dismountable or non-dismountable parts
- 5/10 . . . Composite grooved rails; Inserts for grooved rails
- 5/12 . . Rails with a foot serving as a sleeper
- 5/14 . . Rails for special parts of the track, e.g. for curves
- 5/16 . Distance keepers
- 5/18 . Guard rails; Connecting, fastening or adjusting means therefor

7/00 Switches; Crossings (operating mechanisms [B61L](#))

- 7/02 . Tongues; Associated constructions
- 7/04 . . Constructions with tongues turning about a vertical pivot at the end
- 7/06 . . Constructions with flexible tongues or flexible fishplates
- 7/08 . . Other constructions of tongues, e.g. tilting about an axis parallel to the rail, movable tongue blocks or rails
- 7/10 . Frogs
- 7/12 . . Fixed frogs made of one part or composite
- 7/14 . . with movable parts
- 7/16 . . Jump-over frogs
- 7/18 . Combinations of switches and crossings
- 7/20 . Safety means for switches, e.g. switch point protectors, auxiliary or guiding rail members
- 7/22 . Special sleepers for switches or crossings; Fastening means therefor
- 7/24 . Heating of switches
- 7/26 . Lubricating of switches (lubricating of rails [B61K 3/00](#))
- 7/28 . Crossings
- 7/30 . . Jump-over crossings

9/00 Fastening rails on sleepers, or the like (fastening rails to bridges [E01D 19/12](#))

- 9/02 . Fastening rails, tie-plates, or chairs directly on sleepers or foundations; Means therefor
- 9/04 . . Fastening on wooden or concrete sleepers or on masonry without clamp members
- 9/06 . . . Railways spikes ([nails in general F16B](#))
- 9/08 Elastic spikes
- 9/10 . . . Screws or bolts for sleepers ([screws or bolts in general F16B](#))
- 9/12 . . . Retaining or locking devices for spikes or screws
- 9/14 . . . Plugs, sleeves, thread linings, or other inserts for holes in sleepers ([inserting plugs or sleeves E01B 31/26](#))
- 9/16 for wooden sleepers
- 9/18 for concrete sleepers
- 9/20 . . . by keys
- 9/22 . . Fastening on steel sleepers without clamp members
- 9/24 . . . by keys
- 9/26 . . . Welded fastenings
- 9/28 . . Fastening on wooden or concrete sleepers or on masonry with clamp members
- 9/30 . . . by resilient steel clips
- 9/303 {the clip being a shaped bar}
- 9/306 {the clip being a shaped plate}
- 9/32 . . Fastening on steel sleepers with clamp members
- 9/34 . . . by resilient steel clips
- 9/36 . . Metal sole-plates for rails which rails are directly fastened to sleepers
- 9/38 . Indirect fastening of rails by using tie-plates or chairs; Fastening of rails on the tie-plates or in the chairs
- 9/40 . . Tie-plates for flat-bottom rails ([manufacture B21](#))
- 9/42 . . . of two or more parts
- 9/44 . . Fastening the rail on the tie-plate
- 9/46 . . . by clamps
- 9/48 by resilient steel clips
- 9/483 {the clip being a shaped bar}
- 9/486 {the clip being a shaped plate}
- 9/50 . . . by keys
- 9/52 by resilient keys
- 9/54 . . Rail chairs
- 9/56 . . . for rails with two or more treads
- 9/58 . . Fastening the rail in the chair
- 9/60 . Rail fastenings making use of clamps or braces supporting the side of the rail
- 9/62 . Rail fastenings incorporating resilient supports
- 9/64 . Rail fastenings gripping or encircling the sleeper
- 9/66 . Rail fastenings allowing the adjustment of the position of the rails, so far as not included in the preceding groups
- 9/68 . Pads or the like, e.g. of wood, rubber, placed under the rail, tie-plate, or chair

NOTE

If the subject to be classified has more than one characteristic, classification is made in group [E01B 9/68](#) and indexing codes for the different characteristics are given

- 9/681 . . {characterised by the material}
- 9/683 . . . {layered or composite}
- 9/685 . . {characterised by their shape}

- 9/686 . . . {with textured surface}
- 9/688 . . . {with internal cavities}

11/00 Rail joints (electrical connection of the rail [B60M 5/00](#))

- 11/02 . Dismountable rail joints
- 11/04 . . Flat fishplates
- 11/06 . . . with keys or pins
- 11/08 . . Angle fishplates
- 11/10 . . Fishplates with parts supporting or surrounding the rail foot
- 11/12 . . Fishplates engaging only the rail foot
- 11/14 . . Rail foot flange clips in one piece
- 11/16 . . Fishplates for joining rails of different sections
- 11/18 . . Fishplates for temporarily repairing broken rails
- 11/20 . . with gap-bridging
- 11/22 . . . by parts of the rails
- 11/24 with oblique or overlapping rail ends
- 11/26 with interlocking rail ends
- 11/28 . . . by parts of the joining members
- 11/30 Fishplates with integral tread parts lying in the cross-section of the rail head
- 11/32 . . . by separate parts, Inserts bridging both rail heads
- 11/34 Auxiliary rail beside gap
- 11/36 . . Fastening means for fishplates
- 11/38 . . . Loking arrangements for fastening means ([locking means for nuts or bolts in general F16B](#))
- 11/40 . . Dismountable rail joints combined with welded parts
- 11/42 . Joint constructions for relatively movable rails, e.g. rails on turntables, traversers, or swing bridges
- 11/44 . Non-dismountable rail joints; Welded joints ([welding methods B23K](#))
- 11/46 . . General methods for making gapless tracks
- 11/48 . . Joints made by flame welding
- 11/50 . . Joints made by electric welding
- 11/52 . . Joints made by alumino-thermal welding
- 11/54 . Electrically-insulating rail joints
- 11/56 . Special arrangements for supporting rail ends ([foot supports E01B 11/08 - E01B 11/14](#))
- 11/58 . . Bridge plates
- 11/60 . . . with wedges
- 11/62 . . Bridge chairs ([chairs E01B 9/54 - E01B 9/58](#))

13/00 Arrangements preventing shifting of the track

- 13/02 . Rail anchors

15/00 Guards for preventing a person's foot being trapped in grooved rails**17/00 Cattle guards connected to the permanent way ([grids in general for preventing cattle from straying A01K 3/00](#))****19/00 Protection of permanent way against development of dust or against the effect of wind, sun, frost, or corrosion; Means to reduce development of noise ([snow fences E01F 7/02](#), [snow-ploughs E01H 8/02](#), [watering E01H 11/00](#))**

- 19/003 . {Means for reducing the development or propagation of noise}
- 19/006 . {Means for protecting the underground against spillage}

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| 21/00 | Track superstructure adapted for tramways in paved streets (paving E01C 9/04, E01C 9/06) | 21/02 | Special supporting means; Draining of rails | 21/04 | Special fastenings, joint constructions, or tie-rods | 27/00 | Placing, renewing, working, cleaning, or taking-up the ballast, with or without concurrent work on the track; Devices therefor; Packing sleepers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23/00 | Easily dismountable or movable tracks, e.g. temporary railways; Details specially adapted therefor | 23/02 | Tracks for light railways, e.g. for field, colliery, or mine use | 23/04 | Fastening or joining means | 23/06 | Switches (turntables B60S, B61J); Portable switches; Turnouts | 23/08 | Temporary tracks for use while repairing tramways | 23/10 | Shiftable tracks for heavy loads, e.g. carrying excavators | 23/12 | Sleepers | 23/14 | Fastening or joining means (fastening of rails by keys E01B 9/24) | 23/16 | Switches | 27/02 | Placing the ballast; Making ballastway; Redistributing ballasting material; Machines or devices therefor; Levelling means | 27/021 | {by devices moving underneath the track, e.g. ballast sleighs} | 27/022 | {by devices moving on the track with or without spreading or levelling} | 27/023 | {Spreading, levelling or redistributing ballast already placed} | 27/025 | {by means of non-driven tools} | 27/026 | {by means of driven tools, e.g. rotating brooms or digging devices} | 27/027 | {Loosening ballasting material} | 27/028 | {Compacting ballasting material; Performing ballast cores or seats for sleepers} | 27/04 | Removing the ballast; Machines therefor, whether or not additionally adapted for taking-up ballast (E01B 27/06, E01B 27/12 takes precedence; redistributing ballasting material E01B 27/02) | 27/06 | Renewing or cleaning the ballast in situ, with or without concurrent work on the track | 27/08 | the track having been taken-up (E01B 27/11 takes precedence) | 27/10 | without taking-up track (E01B 27/11 takes precedence) | 27/102 | {Removing unwanted material without removing the ballast} | 27/105 | {the track having been lifted} | 27/107 | {along between the tracks only} | 27/11 | combined with concurrent renewal of track components | 27/12 | Packing sleepers, with or without concurrent work on the track; Compacting track-carrying ballast | 27/13 | Packing sleepers, with or without concurrent work on the track (preforming ballast cores or seats for sleepers E01B 27/02) | 27/14 | Manual tools or hand-held power tools therefor | 27/16 | Sleeper-tamping machines | 27/17 | combined with means for lifting, levelling or slewing the track | 27/18 | by introducing additional fresh material under the sleepers, e.g. by the measured-shovel method, by the blowing method | 27/20 | Compacting the material of the track-carrying ballastway, e.g. by vibrating the track, by surface vibrators (of trackless ballastway E01B 27/02; for packing sleepers E01B 27/12) | 29/00 | Laying, rebuilding, or taking-up tracks; Tools or machines therefor (E01B 27/00, E01B 31/00 take precedence) | 29/005 | {Making of concrete parts of the track in situ} | 29/02 | Transporting, laying, removing, or renewing lengths of assembled track, assembled switches, or assembled crossings (E01B 29/04 takes precedence) | 29/04 | Lifting or levelling of tracks (lifting devices in general B66F) |
| 25/00 | Tracks for special kinds of railways (systems B61B; wheel tracks on roads E01C 9/02) | 25/02 | Tracks for rack railways | 25/04 | Rack rails; Supports or connections for rack rails | 25/06 | Switches; Frogs; Crossings | 25/08 | Tracks for mono-rails with centre of gravity of vehicle above the load-bearing rail | 25/10 | Mono-rails; Auxiliary balancing rails; Supports or connections for rails | 25/12 | Switches; Crossings | 25/14 | Tracks for cable-drawn railway vehicles | 25/15 | Switches; Crossings | 25/16 | Tracks for aerial rope railways with a stationary rope | 25/18 | Ropers; Supports, fastening or straining means for ropes (ropes in general D07B; masts E04H 12/00; ropes sockets F16G) | 25/20 | Switches; Crossings | 25/22 | Tracks for railways with the vehicle suspended from rigid supporting rails | 25/24 | Supporting rails; Auxiliary balancing rails; Supports or connections for rails | 25/26 | Switches; Crossings | 25/28 | Rail tracks for guiding vehicles when running on road or similar surface (wheel tracks on roads E01C 9/02) | 25/30 | Tracks for magnetic suspension or levitation vehicles | 25/305 | {Rails or supporting constructions} | 25/32 | Stators, guide rails or slide rails | 25/34 | Switches; Frogs; Crossings | 26/00 | Tracks or track components not covered by any one of the preceding groups | 26/005 | {Means for fixing posts, barriers, fences or the like to rails} | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 29/05 | • Transporting, laying, removing, or renewing both rails and sleepers (as assembled units E01B 29/02) | 31/06 | • • Making holes, e.g. by drilling, punching, flame-cutting |
| 29/06 | • Transporting, laying, removing or renewing sleepers (E01B 29/05 takes precedence; carrying devices B65G 7/12) | 31/08 | • • Bending, e.g. for straightening rails or rail joints (for aligning rail ends to be welded E01B 29/46) |
| 29/09 | • • under, or from under, installed rails | 31/12 | • • Removing metal from rails, rail joints, or baseplates, e.g. for deburring welds, reconditioning worn rails |
| 29/10 | • • • for inserting or removing sleepers | 31/13 | • • • by milling |
| 29/11 | • • • Removal involving destruction of the sleeper, e.g. the sectioning thereof | 31/15 | • • • by planing or filing |
| 29/13 | • • • for moving sleepers in a direction parallel to the rails, e.g. for spacing or aligning them (E01B 29/10 takes precedence) | 31/17 | • • • by grinding |
| 29/14 | • • • for lifting sleepers up to the rails (lifting devices in general B66F) | 31/175 | • • • { using grinding belts } |
| 29/16 | • Transporting, laying, removing, or replacing rails; Moving rails placed on sleepers in the track (E01B 29/05 takes precedence; moving or tilting heavy loads in general B65G 7/00) | 31/18 | • • Reconditioning or repairing worn or damaged parts on the spot, e.g. applying inlays, building-up rails by welding (E01B 31/04 - E01B 31/12 take precedence); Heating or cooling of parts on the spot, e.g. for reducing joint gaps, for hardening rails |
| 29/17 | • • Lengths of rails assembled into strings, e.g. welded together | 31/20 | • Working or treating non-metal sleepers in or on the line, e.g. marking, creosoting (working metal sleepers E01B 31/02) |
| 29/20 | • • Moving rails placed on installed sleepers in the plane track | 31/22 | • • Cutting or grinding wooden sleepers, e.g. for forming rail seats (E01B 31/24 takes precedence) |
| 29/22 | • • Raising rails from sleepers, e.g. for inserting sole-plates (lifting devices in general B66F) | 31/23 | • • • Sectioning (combined with removal of segments from track E01B 29/11) |
| 29/24 | • Fixing or removing detachable fastening means or accessories thereof; Pre-assembling track components by detachable fastening means (E01B 29/02, E01B 31/26 take precedence) | 31/24 | • • Forming, treating, reconditioning, or cleaning holes in sleepers; Drilling-templates (E01B 29/28, E01B 31/26 take precedence) |
| 29/26 | • • the fastening means being spikes (E01B 29/16 takes precedence; hand-held tools for nail or staple driving or extracting B25C) | 31/26 | • • Inserting or removing inserts or fillings for holes in sleepers, e.g. plugs, sleeves |
| 29/28 | • • the fastening means being of screw-and-nut type (portable apparatus for fixing or removing screws or the like B25B); Apparatus therefor, adapted to additionally drilling holes | 31/28 | • • Applying or removing anti-splitting or like reinforcing means (E01B 31/26 takes precedence; straps or bands therefor E01B 3/08) |
| 29/29 | • • • for horizontally-arranged fastening elements, e.g. fish-bolts | 33/00 | Machines or devices for shifting tracks, with or without lifting, e.g. for aligning track, for shifting excavator track (combined with sleeper packing machines E01B 27/17) |
| 29/32 | • Installing or removing track components, not covered by the preceding groups, e.g. sole-plates, rail anchors (E01B 31/26 takes precedence) | 33/02 | • for slewing, i.e. transversely shifting, in steps |
| 29/40 | • Means or arrangements for temporarily supporting laid tracks, or rails or sleepers in the track (temporary fishplates E01B 11/18) | 33/04 | • • Manual tools; Devices not mounted on vehicles |
| 29/42 | • Undetachably joining or fastening track components in or on the track, e.g. by welding, by gluing; Pre-assembling track components by gluing; Sealing joints with filling components (E01B 31/26 takes precedence; independent heating means E01B 31/18; welding in general B23K; gluing metal parts in general F16B 11/00) | 33/06 | • for slewing in a continuous operation, e.g. for tracks which carry excavators |
| 29/44 | • • Methods for effecting joining of rails in the track, e.g. taking account of ambient temperature | 33/08 | • • Boom track-slewing machines |
| 29/46 | • • Devices for holding, positioning, or urging together the rail ends (adjusting the joint by moving rails E01B 29/20) | 33/10 | • • Bridge track-slewing machines |
| 31/00 | Working rails, sleepers, baseplates, or the like, in or on the line; Machines, tools, or auxiliary devices specially designed therefor (characterised by features independent of use on assembled track B21, B23 - B25, B27) | 33/12 | • • Combined boom and bridge track-slewing machines |
| 31/02 | • Working rail or other metal track components on the spot | 33/18 | • • Details not peculiar to a particular type of machine |
| 31/04 | • • Sectioning or slitting, e.g. by sawing, shearing, flame-cutting | 33/21 | • • • Arrangement or construction of rollers moving the rails |
| | | 35/00 | Applications of measuring apparatus or devices for track-building purposes (apparatus on locomotives or cars to indicate or record bad track sections B61K 9/00; measuring angles, linear dimensions, or irregularities in general G01B, G01C) |
| | | 35/02 | • for spacing, for cross levelling; for laying-out curves |
| | | 35/04 | • • Wheeled apparatus |
| | | 35/06 | • for measuring irregularities in longitudinal direction |
| | | 35/08 | • • for levelling |
| | | 35/10 | • • for aligning |
| | | 35/12 | • for measuring movement of the track or of the components thereof under rolling loads, e.g. depression of sleepers, increase of gauge |

37/00 Making, maintaining, renewing, or taking-up the ballastway or the track, not provided for in a single one of groups [E01B 27/00](#) - [E01B 35/00](#)

2201/00 Fastening or restraining methods

- 2201/02 . by wedging action
- 2201/04 . by bolting, nailing or the like
- 2201/06 . by eccentric or levering action
- 2201/08 . by plastic or elastic deformation of fastener
- 2201/10 . in alternative ways, e.g. glueing, welding, form-fits

Making, maintaining, renewing, or taking-up the ballastway or the track; Tools or machines specially designed therefor (derailing or rereiling of machines [B61K 5/00](#); removal of foreign matter from the permanent way, vegetation control applying liquids [E01H](#))

2202/00 Characteristics of moving parts of rail systems, e.g. switches, special frogs, tongues

- 2202/02 . Nature of the movement
- 2202/021 . . Turning or tilting or elastically bending
- 2202/022 . . . about horizontal axis
- 2202/024 . . . about vertical axis
- 2202/025 . . Pure translation
- 2202/027 . . Including a component perpendicular to the plane of the rails
- 2202/028 . . . Movement along an inclined surface
- 2202/04 . Nature of the support or bearing
- 2202/042 . . Sliding
- 2202/044 . . Rolling
- 2202/046 . . . with rolls on fixed part
- 2202/048 . . . with rolls on moving part
- 2202/06 . . Use of friction-reducing surfaces
- 2202/08 . Locking devices or mechanisms for inhibiting movement

2203/00 Devices for working the railway-superstructure

- 2203/01 . with track
- 2203/012 . . present, i.e. in its normal position
- 2203/015 . . present but lifted
- 2203/017 . . removed or not present yet
- 2203/02 . Removing or re-contouring ballast
- 2203/021 . . Blowing
- 2203/022 . . Horizontal chain
- 2203/024 . . Inclined chain
- 2203/025 . . Suction
- 2203/027 . . Sweeping
- 2203/028 . . Alternative ways
- 2203/03 . Displacing or storing ballast
- 2203/032 . . with special use or configuration of conveyor belts
- 2203/034 . . using storing containers
- 2203/036 . . . fixed to vehicle
- 2203/038 . . . detachable from the vehicle
- 2203/04 . Cleaning or reconditioning ballast or ground beneath
- 2203/042 . . in situ, e.g. vacuum-cleaners
- 2203/045 . . the ballast having been taken up
- 2203/047 . . Adding material, e.g. tar, glue, protective layers
- 2203/06 . Placing ballast
- 2203/062 . . New ballast
- 2203/065 . . Re-use of ballast
- 2203/067 . . Special methods for posing or quantifying ballast

- 2203/08 . Levelling ballast or ground beneath
- 2203/083 . . Ploughs
- 2203/086 . . Rotating brooms
- 2203/10 . Track-lifting or-lining devices or methods
- 2203/12 . Tamping devices
- 2203/122 . . for straight track
- 2203/125 . . adapted for switches or crossings
- 2203/127 . . vibrating the track surface
- 2203/14 . Way of locomotion or support
- 2203/141 . . on the track to be treated
- 2203/143 . . on a side-track
- 2203/145 . . on the ballast
- 2203/146 . . using other means than driven wheels as propulsion means
- 2203/148 . . having wheelsets that can be displaced horizontally or vertically
- 2203/15 . Reducing impact of devices on environment
- 2203/16 . Guiding or measuring means, e.g. for alignment, canting, stepwise propagation
- 2203/17 . continually advancing
- 2204/00 Characteristics of the track and its foundations**
- 2204/01 . Elastic layers other than rail-pads, e.g. sleeper-shoes, bituconcrete
- 2204/02 . Ballast bags
- 2204/03 . Injecting, mixing or spraying additives into or onto ballast or underground
- 2204/04 . Direct mechanical or chemical fixing of sleepers onto underground
- 2204/05 . Use of geotextiles
- 2204/06 . Height or lateral adjustment means or positioning means for slabs, sleepers or rails
- 2204/07 . Drainage
- 2204/08 . Deep or vertical foundation
- 2204/09 . Ballastless systems
- 2204/10 . Making longitudinal or transverse sleepers or slabs in situ or embedding them
- 2204/11 . Embedded tracks, using prefab elements or injecting or pouring a curable material
- 2204/12 . Floating rails or sleepers
- 2204/13 . Dowels for slabs, sleepers or rail-fixings
- 2204/14 . Vegetation on or around railway-tracks
- 2204/15 . Layout or geometry of the track
- 2204/16 . Specific granulometry of the ballast

2205/00 Electrical insulation of railway track parts