SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B60 VEHICLES IN GENERAL

B60M POWER SUPPLY LINES, OR DEVICES ALONG RAILS, FOR ELECTRICALLY-PROPELLED VEHICLES (control of points or safety arrangements along railway lines B61L; construction of rails or points in general E01B)

Note(s)

This subclass covers:

- overhead, overground, or underground power-supply lines; their crossings and points, erection and supervision;
- devices along rails and rail joints, for current-conduction and for insulation;
- safety devices along the route against earth currents and inductive interference with nearby communication lines.

1/00 Power supply lines for contact with collector on vehicle (collectors therefor B60L 5/00)

1/02 • Details

1/04 • • Mechanical protection of line; Protection against contact by living beings

1/06 • • Arrangements along the power lines for reducing interference in nearby communication lines (in general H04B 15/02)

1/08 • • Arrangements for energising and de-energising power line sections using mechanical actuation by the passing vehicle

1/10 • • Arrangements for energising and de-energising power line sections using magnetic actuation by the passing vehicle

1/12 • Trolley lines; Accessories therefor

1/13 • • Trolley wires

1/14 • • Crossings; Points

1/16 • • Suspension insulators (in general H01B)

1/18 • • Section insulators; Section switches

1/20 • • Arrangements for supporting or suspending trolley wires, e.g. from buildings

1/22 • • • Separate lines from which power lines are suspended, e.g. catenary lines, supporting-lines under tension

1/225 • • • Arrangements for fixing trolley wires to supporting-lines which are under tension

1/23 • • • Arrangements for suspending trolley wires from catenary line

1/234 • • • incorporating yielding means or damping means (supporting wires B60M 1/22)

1/24 • • • Clamps; Splicers; Anchor tips

1/26 • • Compensation means for variation in length

1/28 • • Manufacturing or repairing trolley lines (scaffold cars B60P, B61D 15/00; platforms therefor B66F 11/04; manufacturing conductors in general H01B 13/00; overhead lines in general H02G 1/00)

1/30 • Power rails

1/32 • • Crossings; Points (B60M 1/34 takes precedence)

1/34 • • in slotted conduits

1/36 • Single contact pieces along the line for power supply

3/00 Feeding power to the supply lines in contact with collector on vehicles; Arrangements for consuming regenerative power (controlling rail vehicles by varying voltage of power fed to vehicle B60L; power distribution in general H02J)

3/02 • with means for maintaining voltage within a predetermined range (in general G05F)

3/04 • Arrangements for cutting-in and -out of individual track sections (by passage of the vehicle B60M 1/10)

3/06 • Arrangements for consuming regenerative power

5/00 Arrangements along running rails or at joints thereof for current-conduction or insulation, e.g. safety devices for reducing earth currents (insulating rail joints E01B 11/54; conductive connections between rails in general H01R 4/00, e.g. H01R 4/64)

5/02 • Means for reducing potential difference between rail and adjacent ground

7/00 Power lines or rails specially adapted for electrically-propelled vehicles of special types, e.g. suspension tramway, ropeway, underground railway