

## B60M

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

### Definition statement

*This subclass/group 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

### References relevant to classification in this subclass

*This subclass/group does not cover:*

Control of points and safety arrangements along railway lines	<a href="#">B61L</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Construction of rails and points in general	<a href="#">E01B</a>
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## B60M 1/00

**Power supply lines for contact with collector on vehicle (collectors therefor B60L5/00 )**

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Collectors therefor	<a href="#">B60L 5/00</a>
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## **B60M 1/06**

**Arrangements along the power lines for reducing interference in near-by communication lines (in general H04B15/02 )**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Reducing interference in general	<a href="#">H04B 15/02</a>
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## **B60M 1/16**

**Suspension insulators (in general H01B)**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Suspension insulators for overhead transmission lines	<a href="#">H01B 17/02</a>
Apparatus or processes especially adapted for manufacturing insulators	<a href="#">H01B 19/00</a>

## **B60M 1/234**

**incorporating yielding means or damping means (supporting wires B60M1/22 )**

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Damping means in supporting wires	<a href="#">B60M 1/22</a>
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## **B60M 1/28**

**Manufacturing or repairing trolley lines (scaffold cars B60P; B61D15/00; platforms therefor B66F11/04; manufacturing conductors in general H01B13/00; overhead lines in general H02G1/00 )**

## Definition statement

*This subclass/group covers:*

Machines and methods for installing, maintaining, repairing and monitoring overhead electrical power supply lines

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Scaffold cars in general	<a href="#">B60P</a>
Scaffold cars for railways	<a href="#">B61D 15/00</a>
Working platforms	<a href="#">B66F 11/04</a>
Conductors or conductive bodies characterised by their material	<a href="#">H01B 1/00</a>
Apparatus or processes for adapting conductors	<a href="#">H01B 13/00</a>
Conductors characterised by their form, e.g. power transmission lines	<a href="#">H01B 5/00</a>
Installing, maintaining or repairing of overhead power transmission lines in general	<a href="#">H02G 1/02</a>

## B60M 1/32

**Crossings; Points (B60M1/34 takes precedence)**

## References relevant to classification in this group

*This subclass/group does not cover:*

Power rails in slotted conduits	<a href="#">B60M 1/34</a>
Crossings; Points for power rails in slotted conduits	<a href="#">B60M 1/343</a>

## B60M 3/00

**Feeding power to 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)**

**References relevant to classification in this group**

*This subclass/group does not cover:*

Controlling rail vehicles by varying voltage of power fed to vehicle	<a href="#">B60L 9/00</a> , <a href="#">B60L 15/00</a>
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**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Power distribution in general	<a href="#">H02J</a>
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**B60M 3/02**

**with means for maintaining voltage within a predetermined range (in general G05F)**

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Maintaining voltage in general	<a href="#">G05F</a>
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**B60M 3/04**

**Arrangements for cutting in and out of individual track sections (by passage of the vehicle B60M1/10 )**

**References relevant to classification in this group**

*This subclass/group does not cover:*

Cutting in and out of individual sections by passage of the vehicle	<a href="#">B60M 1/10</a>
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**B60M 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 E01B11/54; conductive connections between rails in general H01R3/00, H01R4/00, H01R4/70 )

### References relevant to classification in this group

*This subclass/group does not cover:*

Insulating rail joints	<a href="#">E01B 11/54</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Conductive connections between rails in general	<a href="#">H01R</a>
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## **B60M 7/00**

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

### **B60M 7/003**

[N: for vehicles using stored power (e.g. charging stations)]

### Definition statement

*This subclass/group covers:*

Power supply for charging stations

### References relevant to classification in this group

*This subclass/group does not cover:*

Charging stations per se where vehicle is not moving	<a href="#">B60L 11/1824</a>
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