

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 place 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

Limiting references

This place does not cover:

Control of points and safety arrangements along railway lines	B61L
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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	E01B
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B60M 1/00

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

References

Informative references

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

Collectors therefor	B60L 5/00
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B60M 1/06

Arrangements along the power lines for reducing interference in nearby communication lines (in general [H04B 15/02](#))

References

Informative references

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

Reducing interference in general	H04B 15/02
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B60M 1/16**Suspension insulators (in general [H01B](#))****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Suspension insulators for overhead transmission lines	H01B 17/02
Apparatus or processes especially adapted for manufacturing insulators	H01B 19/00

B60M 1/234**incorporating yielding means or damping means (supporting wires [B60M 1/22](#))****References****Limiting references***This place does not cover:*

Damping means in supporting wires	B60M 1/22
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B60M 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](#))****Definition statement***This place covers:*

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

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

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

B60M 1/32**Crossings; Points ([B60M 1/34](#) takes precedence)****References****Limiting references***This place does not cover:*

Power rails in slotted conduits	B60M 1/34
Crossings; Points for power rails in slotted conduits	B60M 1/343

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**Limiting references***This place does not cover:*

Controlling rail vehicles by varying voltage of power fed to vehicle	B60L 9/00 , B60L 15/00
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Informative references*Attention is drawn to the following places, which may be of interest for search:*

Electric power networks; Circuit arrangements or systems for supplying or distributing electric power; Systems for storing electric energy	H02J
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B60M 3/02

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

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

Maintaining voltage in general	G05F
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B60M 3/04

Arrangements for cutting in and out of individual track sections (by passage of the vehicle [B60M 1/10](#))

References**Limiting references**

This place does not cover:

Cutting in and out of individual sections by passage of the vehicle	B60M 1/10
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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 [E01B 11/54](#); conductive connections between rails in general [H01R 3/00](#), [H01R 4/00](#), [H01R 4/70](#))

References**Limiting references**

This place does not cover:

Insulating rail joints	E01B 11/54
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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	H01R
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B60M 7/003

{for vehicles using stored power (e.g. charging stations)}

Definition statement

This place covers:

Power supply for charging stations

References**Limiting references**

This place does not cover:

Charging stations per se where vehicle is not moving	B60L 53/00
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