

## E01H

**STREET CLEANING; CLEANING OF PERMANENT WAYS; CLEANING BEACHES; DISPERSING {OR PREVENTING} FOG IN GENERAL {CLEANING STREET OR RAILWAY FURNITURE OR TUNNEL WALLS} (cleaning in general [B08B](#))**

### Definition statement

*This place covers:*

Methods and apparatus for cleaning streets, sports areas and the like.

### References

#### Limiting references

*This place does not cover:*

Mowers convertible to apparatus for sweeping or cleaning lawns or other surfaces, e.g. to remove snow, or capable of sweeping or cleaning lawns or other surfaces	<a href="#">A01D 42/06</a>
Domestic, i.e. indoor cleaning	<a href="#">A47L 5/00</a> - <a href="#">A47L 11/00</a>

#### Informative references

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

Cleaning in general	<a href="#">B08B</a>
---------------------	----------------------

## E01H 1/00

**Removing undesirable matter from roads or like surfaces, with or without moistening of the surface (for snow or ice [E01H 5/00](#); cleaning tramway rails [E01H 8/00](#); obstruction removers on vehicles [B60R 19/00](#); in combination with application of bitumen or the like [E01C 19/16](#); in combination with application of traffic line [E01C 23/16](#) {; Sweeping apparatus, particularly for lawns [A01G 20/30](#), [A01G 20/40](#); removing undesirable matter from floors and similar surfaces [A47L 5/00](#) - [A47L 13/00](#)})**

### Definition statement

*This place covers:*

Apparatus for removing undesirable matter, e.g. by brushing, pneumatic, hydraulic or magnetic effect.

### References

#### Limiting references

*This place does not cover:*

Moistening per se	<a href="#">E01H 3/00</a>
Removing snow	<a href="#">E01H 5/00</a>
Cleaning tramway rails	<a href="#">E01H 8/00</a>
Mower	<a href="#">A01D 34/00</a>

## Limiting references

Sweeping apparatus particularly for lawns	<a href="#">A01G 20/30</a> , <a href="#">A01G 20/40</a>
Removing undesirable matter from (indoor) floors and similar surfaces	<a href="#">A47L</a>
Obstruction-removers on vehicles	<a href="#">B60R 19/00</a>
Removing undesirable matter in combination with application of bitumen or the like	<a href="#">E01C 19/16</a>
Cleaning cuts, grooves in pavement; trimming pavement edges	<a href="#">E01C 23/09</a>
Removing undesirable matter in combination with application of traffic lines	<a href="#">E01C 23/16</a>
Removing oil or like floating materials from open water	<a href="#">E02B 15/04</a>
Built in cleaning device for tunnels or other underground cavities	<a href="#">E21D 11/003</a>

**Informative references**

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

Rotating brushes for removing snow	<a href="#">E01H 5/092</a>
Brushes in general	<a href="#">A46B</a>
Suction cleaners in general	<a href="#">A47L 5/00</a> - <a href="#">A47L 9/00</a>
Sand-blasting in general	<a href="#">B24C</a>
Constructional measures for draining the road	<a href="#">E01C 11/22</a>

**E01H 3/00**

**Applying liquids to roads or like surfaces, e.g. for dust control; Stationary flushing devices (combined with removal of undesirable matter [E01H 1/00](#); spray heads, other outlets [B05B](#) {; applying hot water for melting snow [E01H 5/10](#); applicators for melting liquids [E01H 10/00](#); weed destruction [E01H 11/00](#)}}**

**Definition statement**

*This place covers:*

Mobile and fixed devices mainly for dust control.

**References****Limiting references**

*This place does not cover:*

Applying hot water for melting snow	<a href="#">E01H 5/10</a>
Weed destruction on roads	<a href="#">E01H 11/00</a>
Watering sportsgrounds	<a href="#">A01G 25/00</a>
Dust-laying agents	<a href="#">C09K 3/22</a>

**Informative references**

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

Combined with removal of undesirable matter	<a href="#">E01H 1/00</a>
---	---------------------------

Spray heads and similar outlets	<a href="#">B05B</a>
Applying liquids for road paving	<a href="#">E01C 19/16</a>
Applying marking material	<a href="#">E01C 23/16</a>
Hydrants	<a href="#">E03B 9/00</a>

## **E01H 4/00**

**Working on surfaces of snow or ice in order to make them suitable for traffic or sporting purposes, e.g. by compacting snow (production of artificial snow [F25C 3/04](#))**

### **Definition statement**

*This place covers:*

Working on surfaces of snow or ice in order to make them suitable for traffic or sporting purposes, e.g. by compacting snow.

### **References**

#### **Informative references**

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

Production of artificial snow or ice for winter sports	<a href="#">F25C 3/00</a>
--	---------------------------

## **E01H 5/00**

**Removing snow or ice from roads or like surfaces; Grading or roughening snow or ice (by applying de-icing agents [E01H 10/00](#); obstruction removers on vehicles [B60R 19/00](#); sand, gravel or salt spreaders [E01C 19/20](#))**

### **References**

#### **Limiting references**

*This place does not cover:*

Roughening by applying de-icing agents	<a href="#">E01H 10/00</a>
Obstruction removers on vehicles	<a href="#">B60R 19/00</a>
Removing snow from vehicles	<a href="#">B60S</a>
Stationary paving heating devices	<a href="#">E01C 11/26</a>
Removing snow from roofs	<a href="#">E04D 13/00</a>

#### **Informative references**

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

Shovels or spades	<a href="#">A01B 1/02</a>
-------------------	---------------------------

## E01H 6/00

Apparatus equipped with, or having provisions for equipping with, both elements {for especially} removal of refuse or the like and elements for removal of snow or ice ([E01H 8/10](#) takes precedence)

### Special rules of classification

Hardly used.

## E01H 8/00

Removing undesirable matter from the permanent way of railways; Removing undesirable matter from tramway rails ([E01H 1/00](#) - [E01H 6/00](#) take precedence; {controlling vegetation [E01H 11/00](#); removing ballast from rails or sleepers [E01B 27/023](#); removing, cleaning the ballast itself [E01B 27/04](#), [E01B 27/06](#)})

### Definition statement

*This place covers:*

Devices or methods for removing dirt and snow from rails and railway tracks, including moving heating devices.

### References

#### Limiting references

*This place does not cover:*

Controlling undesirable vegetation	<a href="#">E01H 11/00</a>
Obstruction removers on rail vehicles	<a href="#">B61F 19/06</a>
Built in devices for protecting the permanent way against snow or ice	<a href="#">E01B 19/00</a> , <a href="#">E01B 7/24</a>
Removing ballast from rails or sleepers or cleaning the ballast itself	<a href="#">E01B 27/02</a> - <a href="#">E01B 27/06</a>

#### Informative references

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

Removing snow in general	<a href="#">E01H 5/00</a>
Plasma torches	<a href="#">H05H 1/26</a>

## E01H 10/00

Improving gripping of ice-bound or other slippery traffic surfaces, e.g. using gritting or thawing materials {; Roadside storage of gritting or solid thawing materials; Permanently installed devices for applying gritting or thawing materials; Mobile apparatus specially adapted for treating wintry roads by applying liquid, semi-liquid or granular materials} ({treatment of dispersed oil or similar pollution on roads [E01H 1/001](#);} roughening ice by means of tools [E01H 5/12](#); applying de-icing agents to rails [E01H 8/10](#); thawing materials [C09K 3/18](#); by constructional features [E01C 11/24](#) {; apparatus for distributing granular materials for road building purposes [E01C 19/20](#)})

### Relationships with other classification places

Apparatus for spreading granular material for roads in general are classified in [E01C 19/20](#).

Apparatus specifically for treating wintry roads, like heated or wetted granular is classified in [E01H 10/00](#).

### References

#### Limiting references

*This place does not cover:*

Treatment of dispersed oil or similar pollution on roads	<a href="#">E01H 1/001</a>
Roughening ice by means of tools	<a href="#">E01H 5/12</a>
Applying de-icing agents to rails	<a href="#">E01H 8/10</a>
Thawing materials	<a href="#">C09K 3/18</a>
Improving gripping by constructional features	<a href="#">E01C 11/24</a>
Apparatus for distributing granular materials for road building purposes	<a href="#">E01C 19/20</a>

#### Informative references

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

Apparatus for distributing granular materials for road building purposes	<a href="#">E01C 19/20</a>
--	----------------------------

## E01H 11/00

Control of undesirable vegetation on roads {or similar surfaces} or permanent ways of railways, {e.g. devices for scorching weeds or for applying herbicides} (destruction of undesirable vegetation in general [A01M 7/00](#) - [A01M 15/00](#), [A01M 21/00](#); weeding involving working the ballast [E01B 27/00](#); mowers for embankments [A01D 34/86](#); hedge shearing machines [A01G 3/04](#)); Applying liquids, e.g. water, weed-killer bitumen, to permanent ways (specially to rails [E01H 8/10](#) {[E01H 8/105](#), [E01H 8/125](#)}; for preserving sleepers [E01B 31/20](#))

### References

#### Limiting references

*This place does not cover:*

Applying liquids specially to rails	<a href="#">E01H 8/10</a>
Mowers for embankments	<a href="#">A01D 34/86</a>
Destruction of undesirable vegetation in general	<a href="#">A01M 7/00</a> - <a href="#">A01M 15/00</a> , <a href="#">A01M 21/00</a>
Weeding involving working the ballast	<a href="#">E01B 27/00</a>
Preserving sleepers	<a href="#">E01B 31/20</a>

## E01H 12/00

Cleaning beaches {or sandboxes}

### References

#### Limiting references

*This place does not cover:*

Oil removal from roads	<a href="#">E01H 1/001</a>
Removing oil from open water	<a href="#">E02B 15/04</a>

## E01H 13/00

Dispersing {or preventing} fog in general, e.g. on roads, on airfields {(condensing atmospheric humidity in general [A01G 15/00](#); obtaining drinking water from atmospheric humidity [E03B 3/28](#); heating or blowing devices for keeping roads or the like free from snow or ice [E01C 11/26](#))}

### Definition statement

*This place covers:*

Removing or preventing fog.

### References

#### Limiting references

*This place does not cover:*

Condensing atmospheric humidity in general	<a href="#">A01G 15/00</a>
--	----------------------------

**Informative references**

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

Heating or blowing devices for keeping roads or the like free from snow or ice	<a href="#">E01C 11/26</a>
Obtaining drinking water from atmospheric humidity	<a href="#">E03B 3/28</a>

**E01H 15/00**

Removing undesirable matter, e.g. rubbish, from the land, not otherwise provided for (gatherers for removing stones, roots or the like from the soil [A01B 43/00](#))

**References****Limiting references**

This place does not cover:

Gatherers for removing stones, roots or the like from the soil	<a href="#">A01B 43/00</a>
--	----------------------------

**Special rules of classification**

Not used