

## A01M

**CATCHING, TRAPPING OR SCARING OF ANIMALS (appliances for catching swarms or drone-catching [A01K 57/00](#); fishing [A01K 69/00](#) - {[A01K 99/00](#)}; biocides, pest repellants or attractants [A01N](#)); APPARATUS FOR THE DESTRUCTION OF NOXIOUS ANIMALS OR NOXIOUS PLANTS**

### Definition statement

*This place covers:*

- Catching or killing insects
- Special adaptations or arrangements or liquid- or powder-spraying apparatus for the purposes covered by this subclass
- Fumigators
- Flame-throwers specially adapted for the purposes covered by this subclass
- Apparatus for the destruction of vermin, noxious animals or unwanted vegetation
- Traps for animals
- Devices or apparatus for killing animals by dispensing poison, or by projectiles
- Scaring or repelling devices
- Hunting appliances

### Relationships with other classification places

[A01M](#) provides for the catching, trapping or scaring of animals; yet when these processes are used for the purposes of fishing and apiculture/bee-keeping, they are classified in [A01K](#). Furthermore, electric circuits or apparatus specially adapted for catching, trapping and control of animals or adapted for the destruction of insects and animals are classified in [H05C](#). Mechanical devices/apparatus for the destruction of vermin, noxious animals and unwanted plants and vegetation are classified in [A01M](#); yet biocides, pest repellants, attractants and plant growth regulators are classified in [A01N](#).

### References

#### Limiting references

*This place does not cover:*

Appliances for catching swarms; Drone-catching devices	<a href="#">A01K 57/00</a>
Fishing	<a href="#">A01K 69/00</a> - <a href="#">A01K 99/00</a>
Biocides, pest repellants or attractants	<a href="#">A01N</a>

#### Informative references

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

Slaughtering or stunning of animals	<a href="#">A22B</a>
Spraying or atomising apparatus, in general	<a href="#">B05B</a>
Equipment for fitting in or to aircraft for dropping or releasing powdered, liquid or gaseous matter, e.g. pesticides, herbicides	<a href="#">B64D 1/16</a>
Electric circuits or apparatus specially designed for use in equipment for killing, stunning, enclosing or guiding living beings	<a href="#">H05C</a>

## Glossary of terms

*In this place, the following terms or expressions are used with the meaning indicated:*

Animal	Non-human members of the kingdom Animalia, including, but not limited to, mammals, birds and insects.
Destruction	To destroy or cause the death of a living organism; the non-chemical sterilisation of invertebrates.
Fumigator	Apparatus used to disinfect or purify an area using the fumes of selected chemicals.
Insect	A class of arthropod animals characterised by an exoskeleton supporting a three-part body (comprising a head, thorax and abdomen), six legs and two antennae.
Killing	To destroy or cause the death of a living organism; the non-chemical sterilisation of invertebrates.
Noxious	Harmful, poisonous or undesirable.
Snare	An anchored noose typically made from wire or cable which tightens around an animal, preventing release or escape.
Vermin	Wild animals, e.g. rodents, which may spread disease or be harmful to crops.

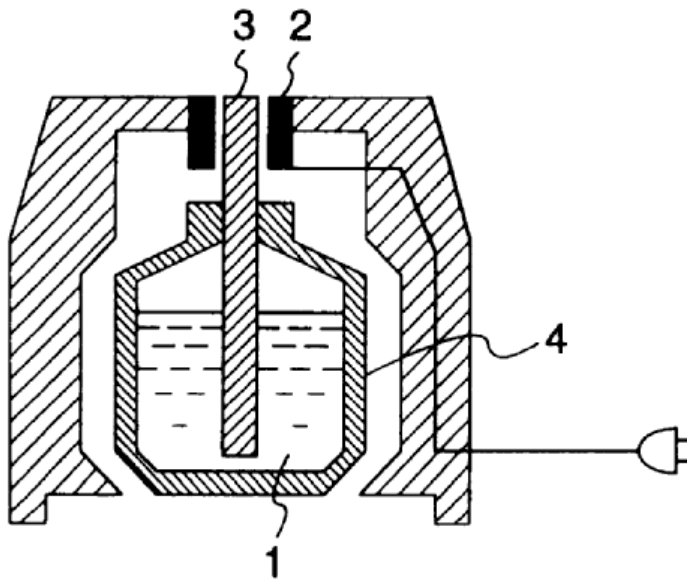
## Synonyms and Keywords

*In patent documents, the following words/expressions are often used as synonyms:*

- "repellent" and "repellant"



Example from FR2738718:



## References

### Informative references

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

Mobile means for catching of killing insects	<a href="#">A01M 3/00</a> , <a href="#">A01M 5/00</a>
Fumigators	<a href="#">A01M 13/00</a>
Traps for animals	<a href="#">A01M 23/00</a>
Bait station for other animals	<a href="#">A01M 25/00</a>
Means for repelling	<a href="#">A01M 29/00</a>
Repelling	<a href="#">A01M 29/00</a>
Lure dispensing device; in a sub-group of	<a href="#">A01M 31/00</a>
Deodorisation of air	<a href="#">A61L 9/00</a>

## Synonyms and Keywords

Insects	Arthropods (insects, spiders)
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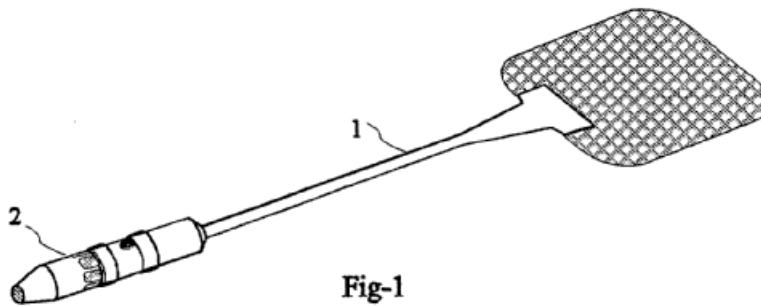
## A01M 3/00

**Manual implements, other than sprayers or powder distributors, for catching or killing insects, e.g. butterfly nets**

### Definition statement

*This place covers:*

Example from NL1019153CC:



### References

#### Informative references

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

Stationary means for catching or killing insects	<a href="#">A01M 1/00</a>
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### Glossary of terms

*In this place, the following terms or expressions are used with the meaning indicated:*

Insects	Arthropods (insects, spiders, ...)
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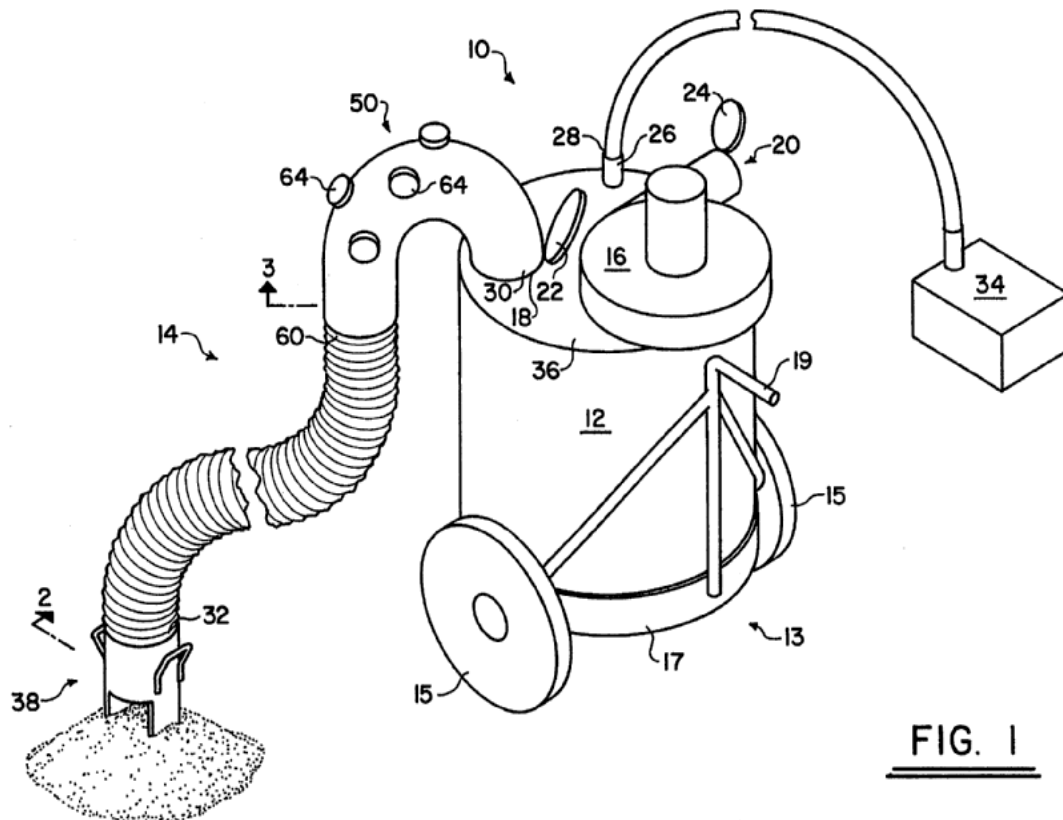
## A01M 5/00

### Catching insects in fields, gardens, or forests by movable appliances

#### Definition statement

*This place covers:*

Example from US5400543:



**FIG. 1**

#### References

##### Informative references

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

Stationary means for catching or killing insects	<a href="#">A01M 1/00</a>
Manual implements	<a href="#">A01M 3/00</a>

#### Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Insects	Arthropods (insects, spiders, ...)
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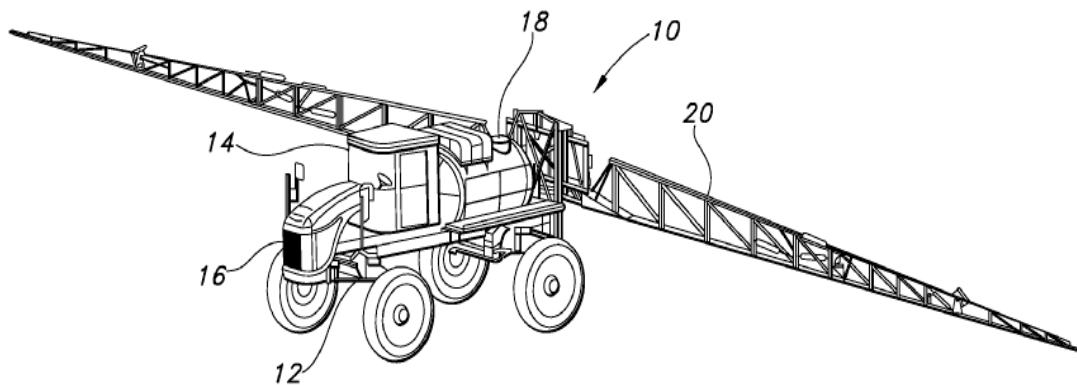
## A01M 7/00

Special adaptations or arrangements of liquid-spraying apparatus for purposes covered by this subclass

### Definition statement

*This place covers:*

Example from WO2012088014:



### References

#### Informative references

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

Powder spraying apparatus	<a href="#">A01M 9/00</a>
Combined liquid and powder spraying apparatus	<a href="#">A01M 11/00</a>
Apparatus for the destruction of unwanted vegetation	<a href="#">A01M 21/00</a>
Distribution of fertilizers	<a href="#">A01C 15/00</a>
Distributing devices specially adapted for liquid manure or other fertilising liquid	<a href="#">A01C 23/00</a>
Watering gardens, fields, sports grounds or the like	<a href="#">A01G 25/00</a>
Chemical treatment of plants or soils	<a href="#">A01N 25/00</a> - <a href="#">A01N 65/00</a>
Spraying apparatus in general	<a href="#">B05B</a>
Nozzles	<a href="#">B05B 1/00</a>

### Glossary of terms

*In this place, the following terms or expressions are used with the meaning indicated:*

Atomiser	Using an air stream
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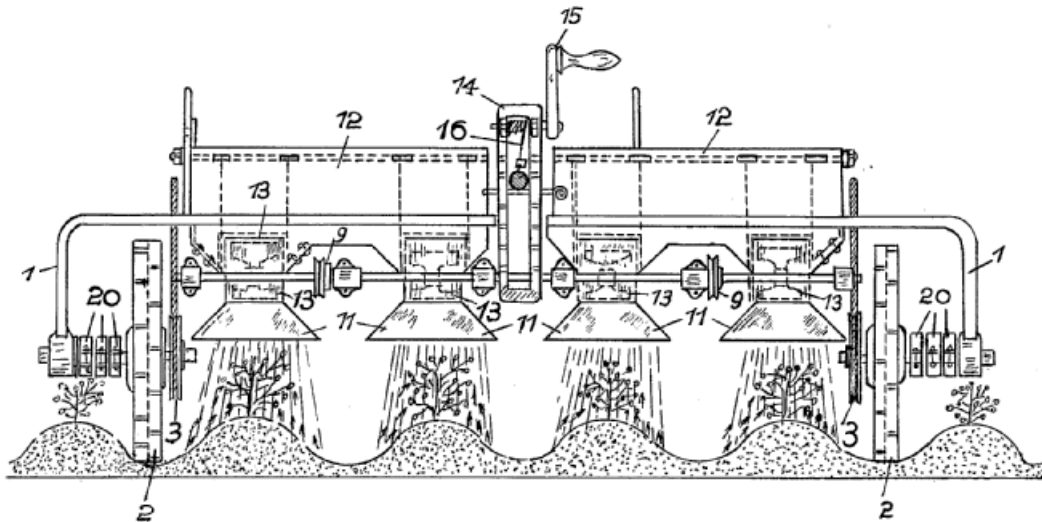
## A01M 9/00

Special adaptations or arrangements of powder-spraying apparatus for purposes covered by this subclass

### Definition statement

*This place covers:*

Example from DE924662:



### References

#### Informative references

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

Liquid spraying apparatus	<a href="#">A01M 7/00</a>
Combined liquid and powder spraying apparatus	<a href="#">A01M 11/00</a>
Fertiliser distributor	<a href="#">A01C 15/00</a>
Spraying apparatus in general	<a href="#">B05B</a>



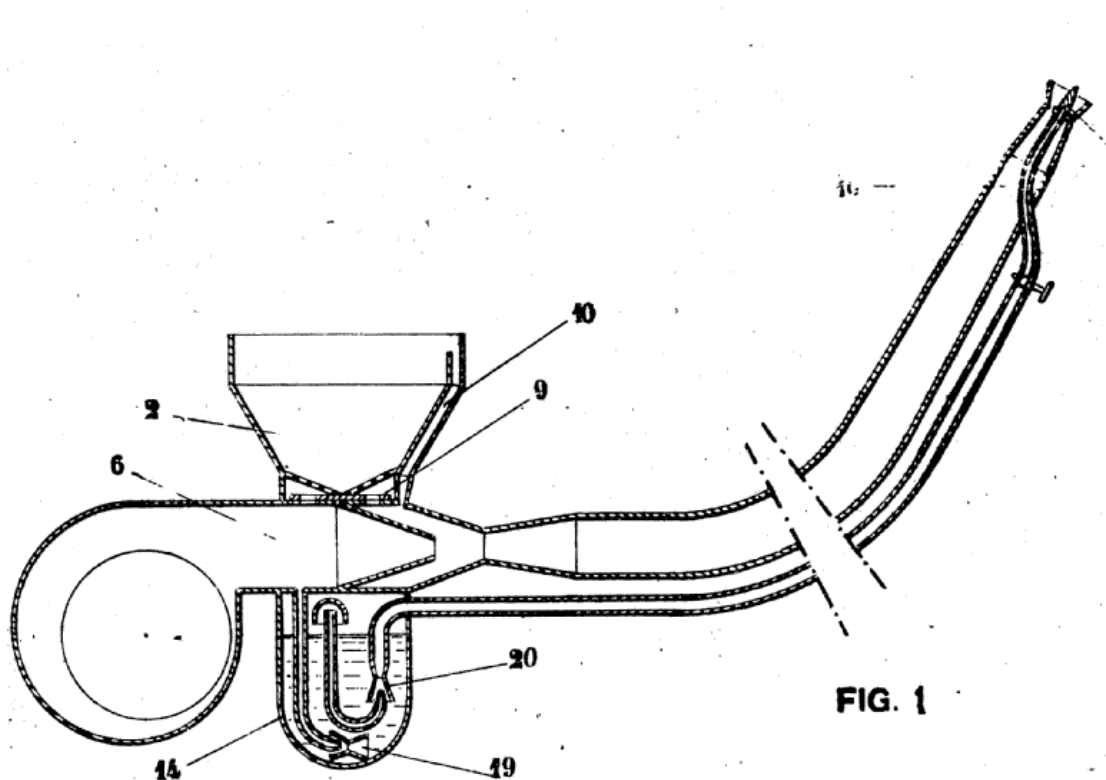
**A01M 11/00**

**Special adaptations or arrangements of combined liquid- and powder-spraying apparatus for purposes covered by this subclass**

**Definition statement**

*This place covers:*

Example from DE1403369:

**References****Informative references**

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

Liquid spraying apparatus	<a href="#">A01M 7/00</a>
Powder spraying apparatus	<a href="#">A01M 9/00</a>
Fertiliser distributors	<a href="#">A01C 15/00</a>
Spraying apparatus in general	<a href="#">B05B</a>

**A01M 13/00**

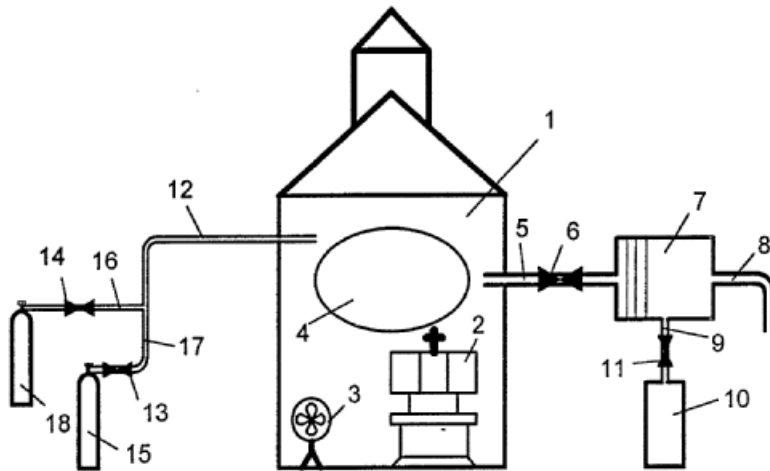
**Fumigators; Apparatus for distributing gases {(poisoning or narcotising insects by vaporising an insecticide [A01M 1/2022](#))}**

**Definition statement**

*This place covers:*

Apparatus for fumigating e.g. shipping containers, buildings, furniture and rats in holes

Example from DE19708669:



**References**

**Limiting references**

*This place does not cover:*

Poisoning or narcotising insects by vaporising an insecticide	<a href="#">A01M 1/2022</a>
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**Informative references**

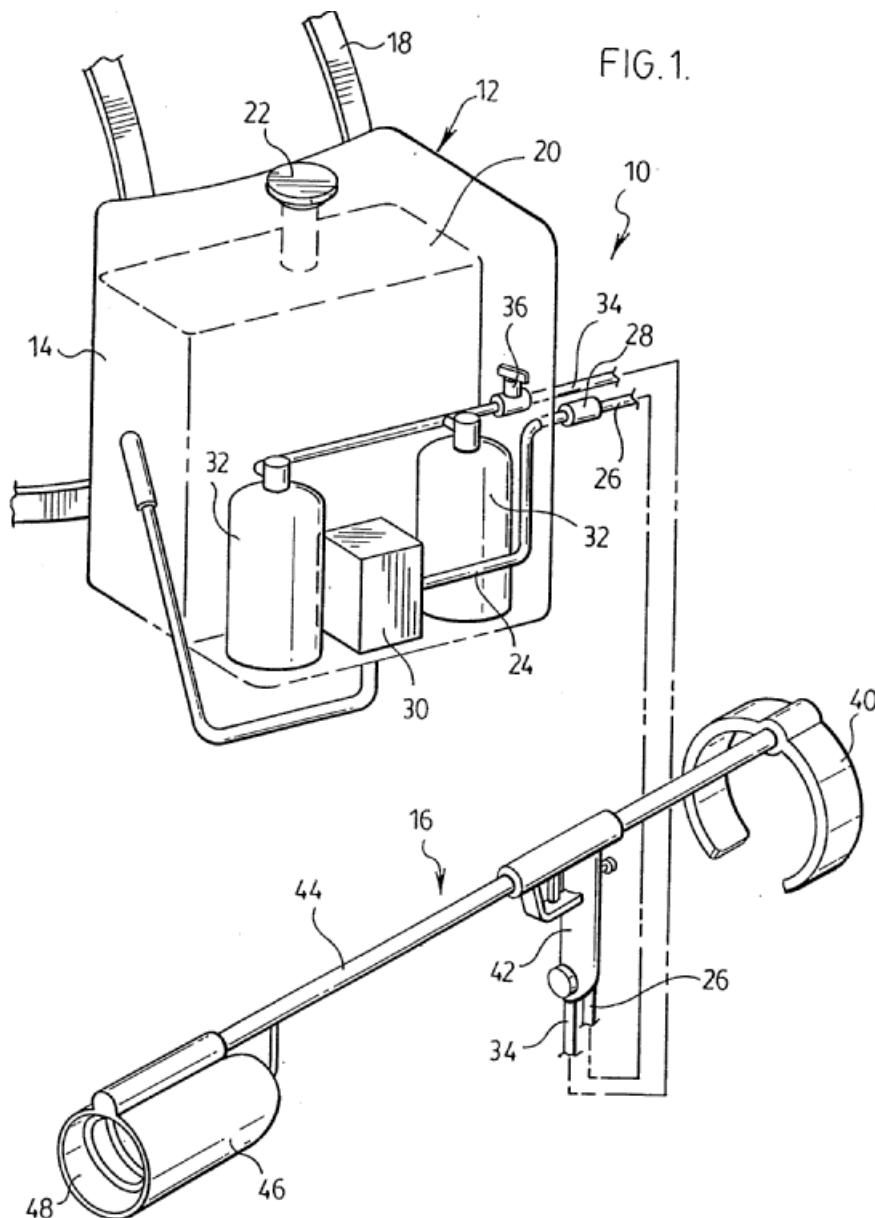
*Attention is drawn to the following places, which may be of interest for search:*

Domestic appliance for vaporizing an insecticide	<a href="#">A01M 1/00</a>
Destruction of vermin in clothes and foodstuff	<a href="#">A01M 17/00</a>
Scaring and repelling	<a href="#">A01M 29/00</a>
Injection of fertilizers in the roots of trees	<a href="#">A01G 29/00</a>
Deodorisation of air	<a href="#">A61L 9/00</a>

**A01M 15/00****Flame-throwers specially adapted for purposes covered by this subclass****Definition statement**

*This place covers:*

Example from WO2004070269:

**References****Informative references**

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

Destruction of weeds	<a href="#">A01M 21/00</a>
Flame-throwers in general	<a href="#">F41H 9/02</a>

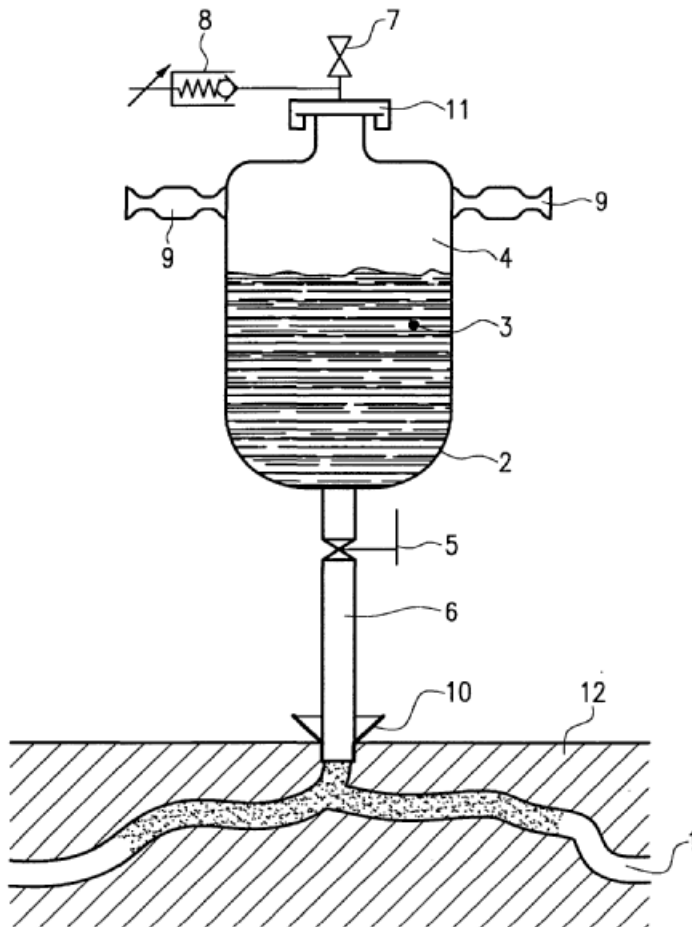
**A01M 17/00**

**Apparatus for the destruction of vermin in soil or in foodstuffs {(injecting fertilisers into the roots of trees [A01G 29/00](#))}**

**Definition statement**

*This place covers:*

Example from DE19844718:

**References****Limiting references**

*This place does not cover:*

Injecting fertilizers into the roots of trees	<a href="#">A01G 29/00</a>
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**Informative references**

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

Killing insects	<a href="#">A01M 1/00</a>
Fumigators	<a href="#">A01M 13/00</a>
Destruction of animals using steam, hot air or electricity	<a href="#">A01M 19/00</a>

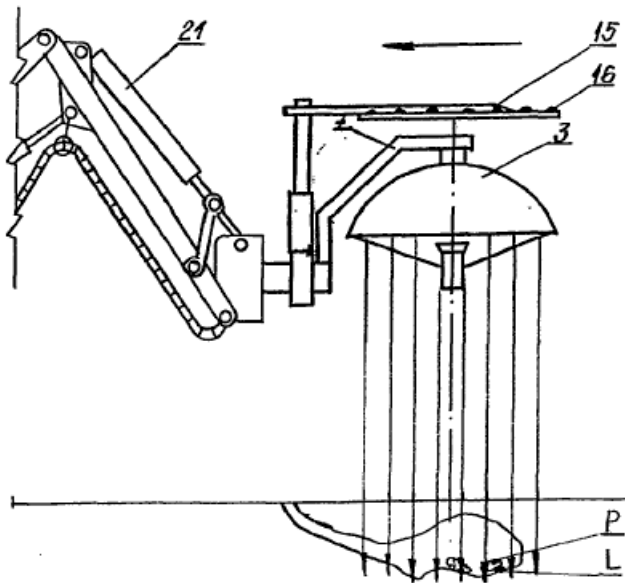
**A01M 19/00**

**Apparatus for the destruction of noxious animals, other than insects, by hot water, steam, hot air, or electricity {(electric traps [A01M 23/38](#))}**

**Definition statement**

*This place covers:*

Example from WO0176362:

**References****Limiting references**

*This place does not cover:*

Electric traps	<a href="#">A01M 23/28</a>
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**Informative references**

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

Destruction of insects	<a href="#">A01M 1/00</a> , <a href="#">A01M 3/00</a> , <a href="#">A01M 5/00</a>
Flame-throwers	<a href="#">A01M 15/00</a>
Destruction of weeds	<a href="#">A01M 21/00</a>
Scaring and repelling	<a href="#">A01M 29/00</a>

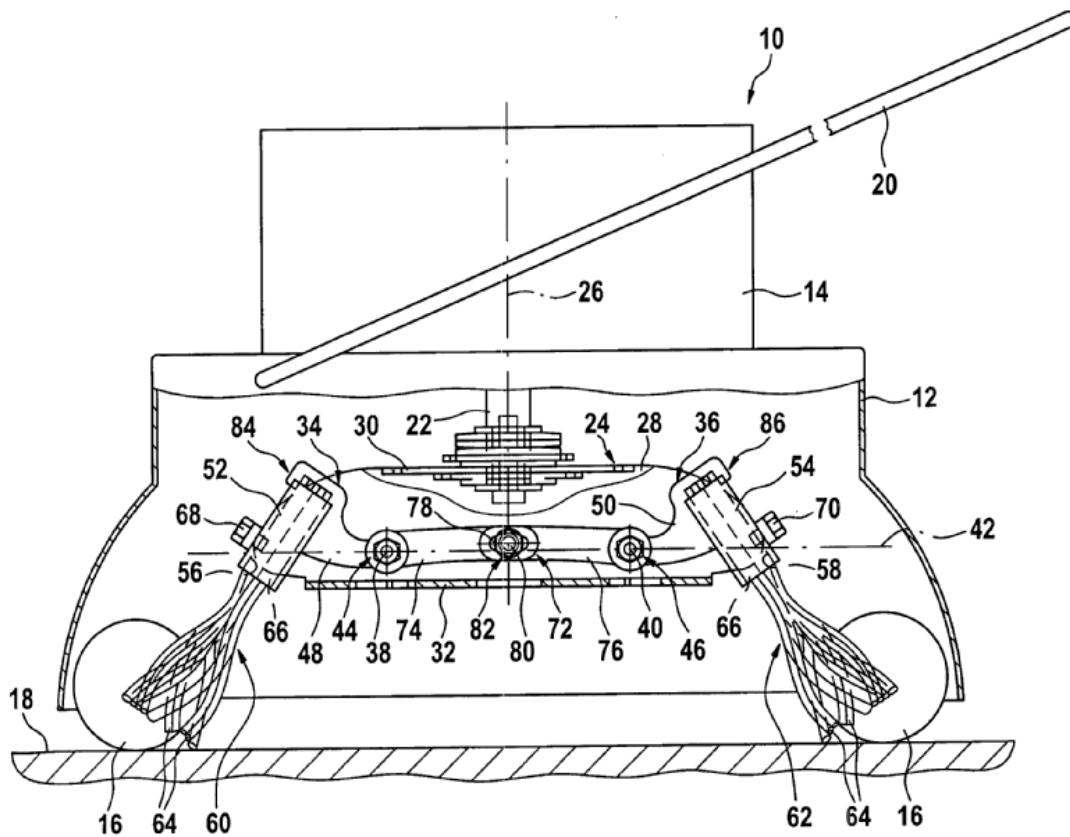
**A01M 21/00**

Apparatus for the destruction of unwanted vegetation, e.g. weeds (control of undesirable vegetation on roads or permanent ways of railways [E01H 11/00](#))

**Definition statement**

*This place covers:*

Example from DE202005014568U:

**References****Limiting references**

*This place does not cover:*

Control of undesirable vegetation on roads or permanent ways of railways	<a href="#">E01H 11/00</a>
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**Informative references**

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

Liquid spraying	<a href="#">A01M 7/00</a>
Flame-throwers	<a href="#">A01M 15/00</a>
Destruction of animals using steam or electricity	<a href="#">A01M 19/00</a>
Hand-tools for uprooting weeds	<a href="#">A01B 1/00</a>

Machines for working soil and weeding	<a href="#">A01B 39/00</a>
Biocides, plant growth regulators	<a href="#">A01N 25/00</a> , <a href="#">A01N 65/00</a>
Spraying or atomising apparatus in general	<a href="#">B05B</a>
Soil-conditioning or soil-stabilising materials	<a href="#">C09K 17/00</a>

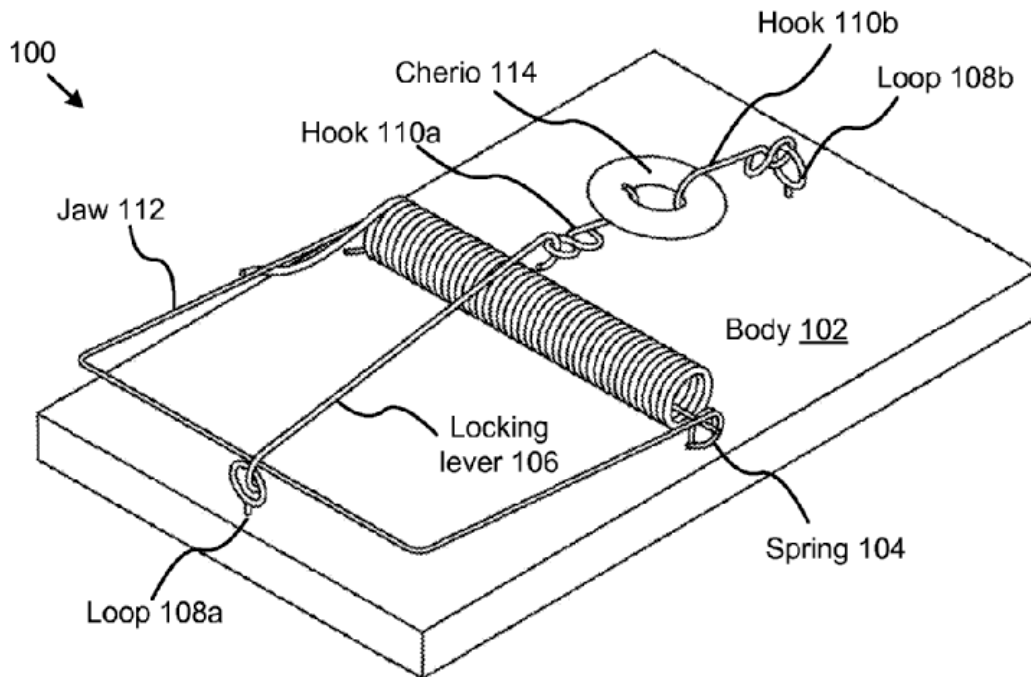
## A01M 23/00

### Traps for animals

#### Definition statement

*This place covers:*

Example from US2012297661:



#### References

##### Informative references

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

Traps for insects	<a href="#">A01M 1/00</a>
Bait stations	<a href="#">A01M 25/00</a>
Detection of animals	<a href="#">A01M 31/00</a>
Housing animals	<a href="#">A01K 1/00</a>

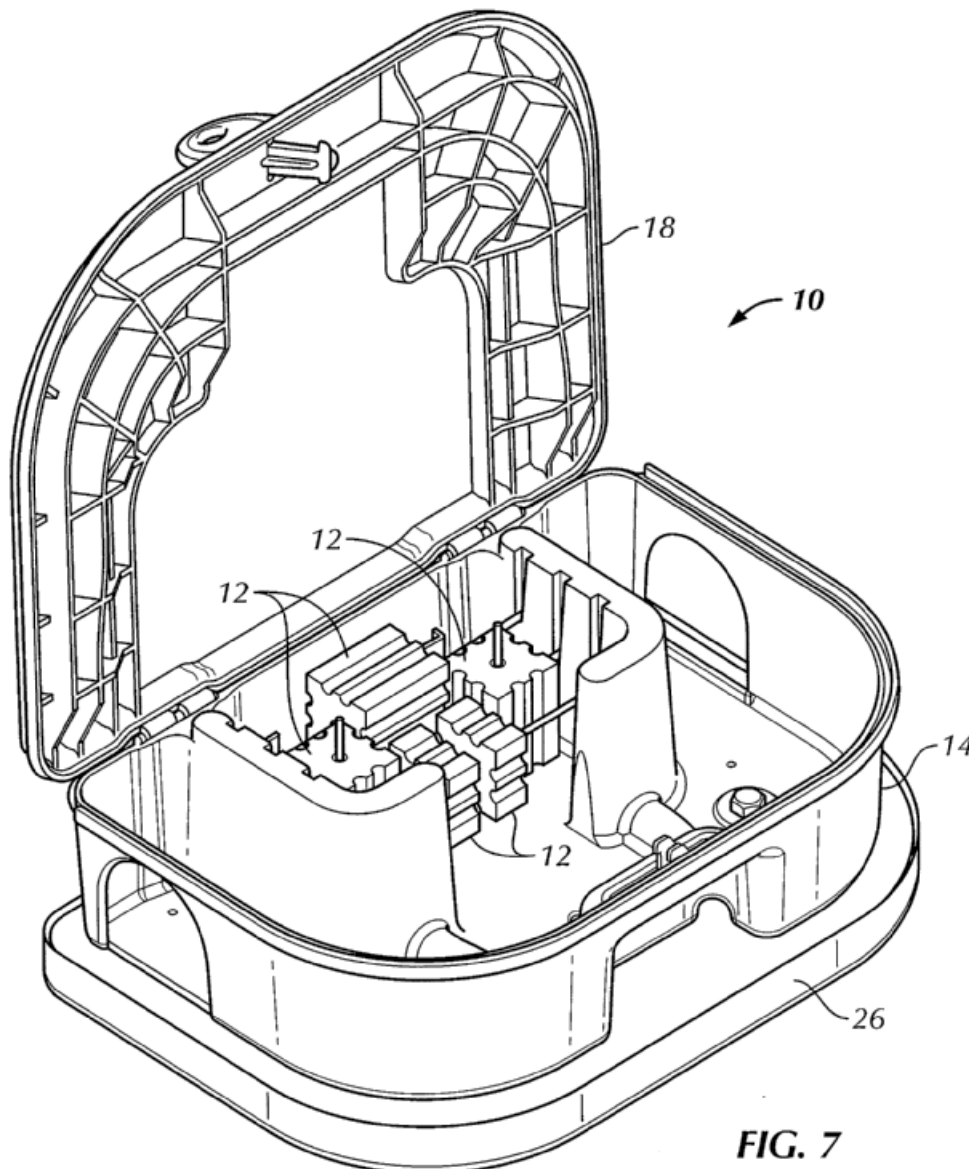
**A01M 25/00**

Devices for dispensing poison for animals ([A01M 27/00](#) takes precedence; for insects [A01M 1/20](#))

**Definition statement**

*This place covers:*

Example from WO2011142740:



**FIG. 7**

**References****Limiting references**

*This place does not cover:*

Dispensing poison to insects	<a href="#">A01M 1/20</a>
Apparatus having projectiles or killing implements projected to kill the animal	<a href="#">A01M 27/00</a>



**Informative references**

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

Bait stations for insects	<a href="#">A01M 1/00</a>
Fumigators	<a href="#">A01M 13/00</a>
Destruction of vermin in foodstuff	<a href="#">A01M 17/00</a>
Devices or methods for introducing solid, liquid, or gaseous remedies or other materials into or onto the bodies of animals	<a href="#">A61D 7/00</a>

## A01M 27/00

Apparatus having projectiles or killing implements projected to kill the animal, e.g. pierce or shoot, and triggered thereby

### Definition statement

*This place covers:*

Example from US2012000114:

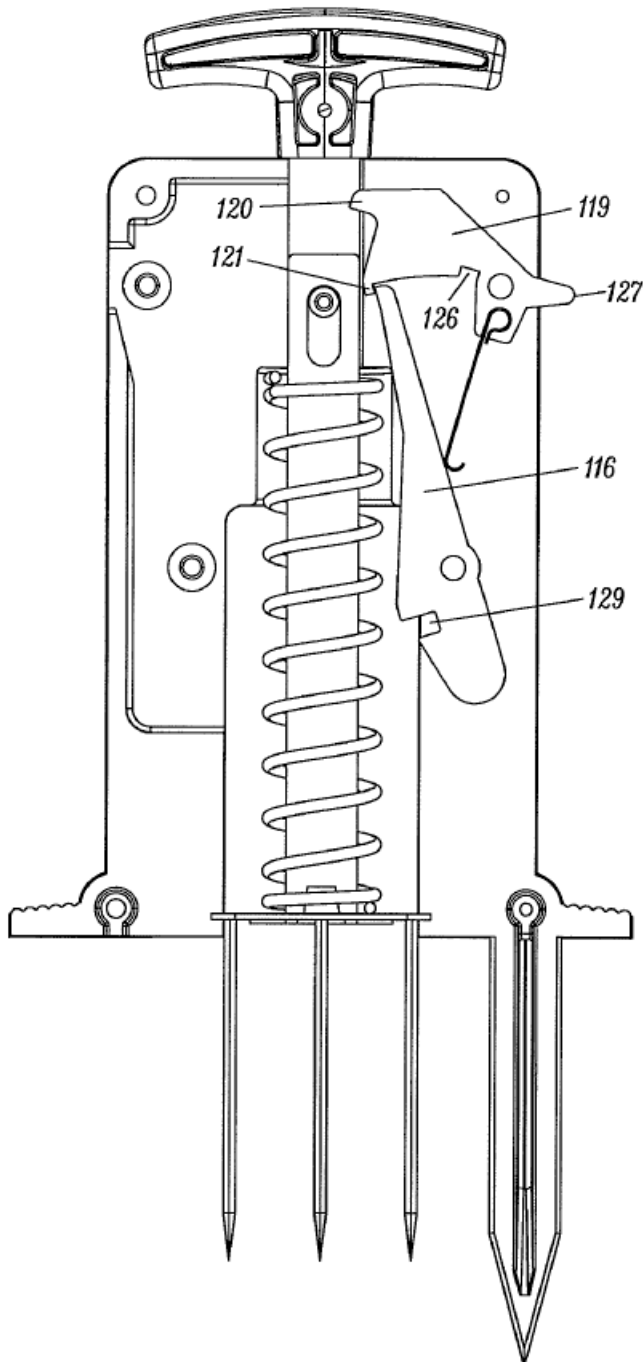


FIG. 10

## References

### Informative references

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

Destruction by steam, hot air or electricity	<a href="#">A01M 19/00</a>
Animal traps	<a href="#">A01M 23/00</a>
Detection of animals	<a href="#">A01M 31/00</a>
Smallarms, e.g. pistols, rifles	<a href="#">F41C</a>

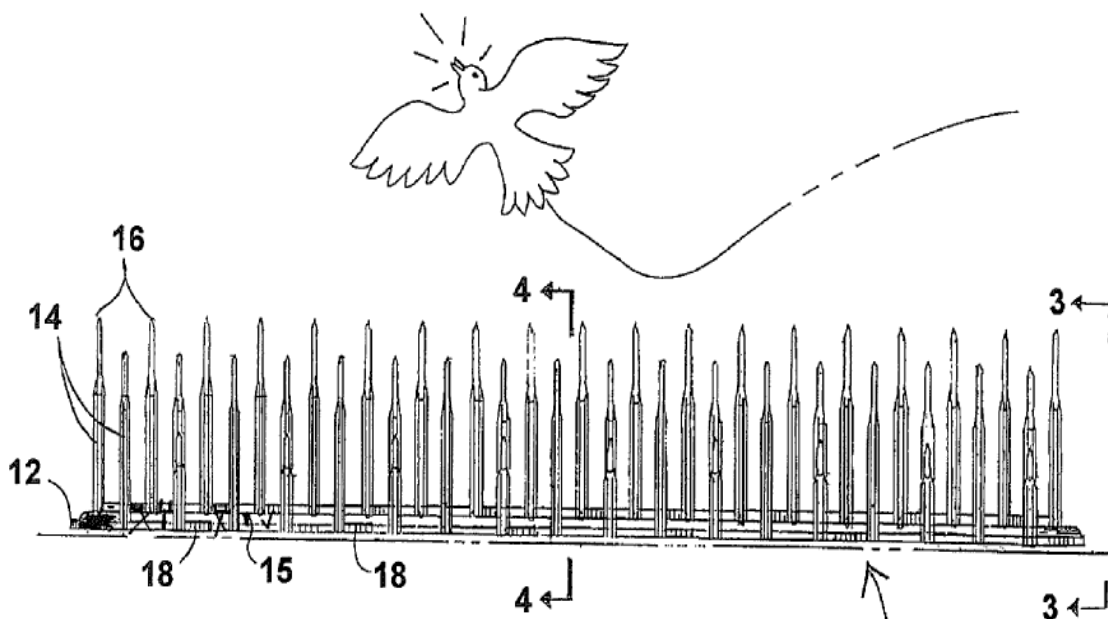
## A01M 29/00

### Scaring or repelling devices, e.g. bird-scaring apparatus

#### Definition statement

This place covers:

Example from US2010013123:



## References

### Informative references

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

Catching or killing insects	<a href="#">A01M 1/00</a>
Destruction of animals by steam, hot air or electricity	<a href="#">A01M 19/00</a>
Trapping animals	<a href="#">A01M 23/00</a>
Poisoning animals	<a href="#">A01M 25/00</a>

## Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Repelling	means no killing and no trapping
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## A01M 31/00

### Hunting appliances

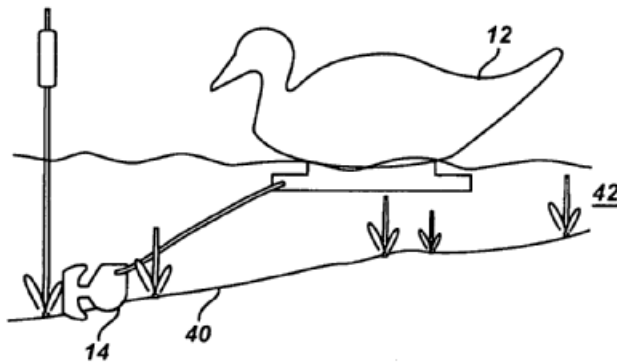
#### Definition statement

This place covers:

Hunting,

Detecting and monitoring the presence of prey animals

Example from WO2012057814:



#### References

##### Informative references

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

Vaporizing insecticide	<a href="#">A01M 1/00</a>
Detecting the presence of insects	<a href="#">A01M 1/00</a>
Repelling substance;	<a href="#">A01M 29/00</a>
Slaughtering	<a href="#">A22B</a>

## A01M 31/02

### Shooting stands

#### References

##### Informative references

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

Folding seats	<a href="#">A47C</a>
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