EUROPEAN PATENT OFFICE U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 509

MAY 1, 2018

PROJECT MP0354

The following classification changes will be effected by this Notice of Changes:

Action	<u>Subclass</u>	Group(s)	
SCHEME:			
Titles Changed:	A01M	subclass	
Ť	A01M	1/00	
	A01M	7/00	
	A01M	9/00	
	A01M	11/00	
	A01M	15/00	
	A01M	21/00	
	A01M	31/02	
DEFINITIONS:			
Definitions New:	A01M	subclass	
	A01M	31/02	
Definitions Modified:	A01M	1/00	
	A01M	3/00	
	A01M	5/00	
	A01M	7/00	
	A01M	9/00	
	A01M	11/00	
	A01M	13/00	
	A01M	15/00	
	A01M	17/00	
	A01M	19/00	
	A01M	21/00	
	A01M	23/00	
	A01M	25/00	
	A01M	27/00	
	A01M	29/00	
	A01M	31/00	

No other subclasses/groups are impacted by this Notice of Changes.

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This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)
- 3. REVISION CONCORDANCE LIST (RCL)
- 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. <u>New, Modified or Deleted Group(s)</u>

SUBCLASS A01M - CATCHING OR TRAPPING OF ANIMALS (apiculture A01K 47/00 - A01K 59/00; fishing A01K 69/00 - A01K 97/00; pesticides A01N); APPARATUS FOR THE DESTRUCTION OF NOXIOUS ANIMALS OR NOXIOUS PLANTS (equipment fitted in or to aircraft for dropping or releasing powdered, liquid or gaseous matter, e.g. pesticides, herbicides, B64D 1/16)

Type*	Symbol	Indent	Title	Transferred to [#]
	<u>,</u>	Level	(new or modified)	
		Number of	"CPC only" text should normally be enclosed in	
		dots (e.g.	{curly brackets}**	
		0, 1, 2)		
М	A01M	subclass	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	
М	A01M 1/00	0	Stationary means for catching or killing insects	
М	A01M 7/00	0	Special adaptations or arrangements of liquid-	
			spraying apparatus for purposes covered by this	
			subclass	
М	A01M 9/00	0	Special adaptations or arrangements of powder-	
			spraying apparatus for purposes covered by this	
			subclass	
М	A01M 11/00	0	Special adaptations or arrangements of	
			combined liquid- and powder-spraying	
			apparatus for purposes covered by this subclass	
М	A01M 15/00	0	Flame-throwers specially adapted for purposes	
	1.01111 10,00	Ŭ	covered by this subclass	
М	A01M 21/00	0	Apparatus for the destruction of unwanted	
	10101 21/00	Ŭ	vegetation, e.g. weeds (control of undesirable	
			vegetation, e.g. weeds (control of undestitution) vegetation on roads or permanent ways of	
			railways E01H 11/00)	
М	A01M 31/02	1	Shooting stands	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

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NOTES:

- **No {curly brackets} are used for titles in CPC only <u>subclasses</u>, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} <u>are</u> used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except "D" which requires only a symbol.
- #"Transferred to" column <u>must</u> be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>" or "<administrative transfer to XX and YY simultaneously>" when administrative transfer of the same documents is to more than one place.

Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

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2. A. DEFINITIONS (New)

Insert the following <u>new</u> definitions.

A01M

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.

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References

Limiting references

This place does not cover:

Appliances for catching swarms; Drone-catching devices	A01K 57/00
Fishing	A01K 69/00 - A01K 99/00
Biocides, pest repellants or attractants	A01N

Informative references

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

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

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.

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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.

A01M 31/02

References

Informative references

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

Folding seats	A47C

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	Location of change (e.g., section title)	Existing reference s	symbol or text	Action; New symbol	; New text
A01M 1/00	Limiting References	Mobile means for ca killing insects A01M 3/0	atching of 0, A01M 5/00	Delete the entire existin references section.	
		Fumigators	A01M 13/00	Limiting references This place does not	
		Traps for animals	A01M 23/00	Mobile means for ca	tching of killing
		Means for repelling	A01M 29/00		0, A01M 5/00
				Fumigators	A01M 13/00
				Traps for animals	A01M 23/00
				Means for repelling	A01M 29/00
A01M 1/00	Informative References			Add the following four n existing Informative refe	
				Mobile means for cate insects A01M 3/0	ching of killing 00, A01M 5/00
				Fumigators	A01M 13/00
				Traps for animals	A01M 23/00
				Means for repelling	A01M 29/00
A01M 3/00	Limiting References	Stationary means for killing insects	or catching or A01M 1/00	Delete the entire existin references section.	g Limiting
				Limiting references	;
				This place does not	cover:
				Stationary means for killing insects	r catching or A01M 1/00

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A01M 3/00			Insert the following <u>new</u> Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Stationary means for catching or killing insects A01M 1/00
A01M 5/00	Limiting References	Stationary means for catching or killing insects A01M 1/00	Delete the entire existing Limiting references section.
		Manual implements A01M 3/00	<i>Limiting references</i> This place does not cover:
			Stationary means for catching or killing insects A01M 1/00
			Manual implements A01M 3/00
A01M 5/00			Insert the following <u>new</u> Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Stationary means for catching or killing insects A01M 1/00
			Manual implements A01M 3/00
A01M 7/00	Limiting References	Powder spraying apparatus A01M 9/00	Delete the entire existing Limiting references section.
		Combined liquid and powder spraying apparatus A01M 11/00	<i>Limiting references</i> This place does not cover:
		Apparatus for the destruction of unwanted vegetation A01M 21/00	Powder spraying apparatus A01M 9/00
		Distribution of fertilizers A01C 15/00	Combined liquid and powder spraying apparatus A01M 11/00

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference s	ymbol or text	Action; New symbo	ol; New text
	(e.g., section title)				
		Distribution of liquid	manure A01C 23/00	Apparatus for the des unwanted vegetation	
		Watering fields and g	gardens A01G 25/00	Distribution of fertilize	
		Biocides Chemical treatment	A01N 25/00 of plants or	Distribution of liquid r	
			- A01N 65/00	Watering fields and g	ardens A01G 25/00
			B05B	Biocides	A01N 25/00
		Nozzles	B05B 1/00	Chemical treatment of A01N 25/00 - A01N 6	
				Spraying apparatus i	n general B05B
				Nozzles	B05B 1/00
A01M 7/00				Insert the following new references section.	v Informative
				Informative referen	nces
				Attention is drawn to places, which may l search:	
				Distribution of fertili	zers A01C 15/00
				Distributing devices adapted for liquid m fertilising liquid	
				Watering gardens, f grounds or the like	ields, sports A01G 25/00
				Powder spraying ap	oparatus A01M 9/00
				Combined liquid an spraying apparatus	

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
			Apparatus for the destruction of unwanted vegetation A01M 21/00
			Chemical treatment of plants or soils A01N 25/00 - A01N 65/00
			Spraying apparatus in general B05B
			Nozzles B05B 1/00
A01M 9/00	Limiting References	Liquid spraying apparatus A01M 7/00	Delete the <u>entire</u> <u>existing</u> Limiting references section.
		Combined liquid and powder spraying apparatus A01M 11/00	<i>Limiting references</i> This place does not cover:
		Fertilizer distributor A01C 15/00	Liquid spraying apparatus A01M 7/00
		Spraying apparatus in general B05B	Combined liquid and powder spraying apparatus A01M 11/00
			Fertilizer distributor A01C 15/00
			Spraying apparatus in general B05B
A01M 9/00			Insert the following <u>new</u> Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Liquid spraying apparatus A01M 7/00
			Combined liquid and powder spraying apparatus A01M 11/00
			Fertiliser distributor A01C 15/00
			Spraying apparatus in general B05B

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A01M 11/00	Limiting References	Liquid spraying apparatus A01M 7/00	Delete the entire existing Limiting references section.
		Powder spraying apparatus A01M 9/00	<i>Limiting references</i> <i>This place does not cover:</i>
		Fertilizer distributors A01C 15/00	Liquid spraying apparatus A01M 7/00
		Spraying apparatus in general B05B	Powder spraying apparatus A01M 9/00
			Fertilizer distributors A01C 15/00 Spraying apparatus in general B05B
A01M 11/00			Insert the following new Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Fertiliser distributors A01C 15/00
			Liquid spraying apparatus A01M 7/00
			Powder spraying apparatus A01M 9/00
			Spraying apparatus in general B05B
A01M 13/00	Limiting References	Domestic appliance for vaporizing an insecticide A01M 1/00	Delete only the following five rows in the Limiting references section.
		Destruction of vermin in clothes and foodstuff A01M 17/00	Domestic appliance for vaporizing an insecticide A01M 1/00
		Scaring and repelling A01M 29/00	Destruction of vermin in clothes and foodstuff A01M 17/00
		Injection of fertilizers in the roots of trees A01G 29/00	Scaring and repelling A01M 29/00
		Deodorisation of air A61L 9/00	Injection of fertilizers in the roots of trees A01G 29/00
			Deodorisation of air A61L 9/00

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A01M 13/00			Insert the following <u>new</u> Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Injection of fertilizers in the roots of trees A01G 29/00
			Deodorisation of air A61L 9/00
			Domestic appliance for vaporizing an insecticide A01M 1/00
			Destruction of vermin in clothes and foodstuff A01M 17/00
			Scaring and repelling A01M 29/00
A01M 15/00	Limiting References	Flame-throwers F41H 9/02 Destruction of weeds A01M 21/00	Delete the entire existing Limiting references section.
		Destruction of weeds A0 him 2 1/00	<i>Limiting references</i> This place does not cover:
			Destruction of weeds A01M 21/00
			Flame-throwers F41H 9/02
A01M 15/00			Insert the following new Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Destruction of weeds A01M 21/00
			Flame-throwers in general F41H 9/02

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Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
	(e.g., section the)		
A01M 17/00	Limiting References	Killing insects; in the sub-groups of A01M 1/00	<u>Delete</u> the following <u>three</u> existing rows in the Limiting references table.
		Fumigators A01M 13/00	Killing insects; in the sub-groups of A01M 1/00
		Destruction of animals using steam, hot air or electricity A01M 19/00	Fumigators A01M 13/00
			Destruction of animals using steam, hot air or electricity A01M 19/00
A01M 17/00			Insert the following new Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Killing insects A01M 1/00
			Fumigators A01M 13/00
			Destruction of animals using steam, hot air or electricity A01M 19/00
A01M 19/00	Limiting References	Destruction of insects A01M 1/00, A01M 3/00, A01M 5/00	Delete the following four existing rows in the Limiting references table.
		Flame-throwers A01M 15/00	Destruction of insects A04M 4/00
		Destruction of weeds A01M 21/00	Destruction of insects A01M 1/00, A01M 3/00, A01M 5/00
		Electric traps A01M 23/28	Flame-throwers A01M 15/00
		Scaring and repelling A01M 29/00	Destruction of weeds A01M 21/00
			Scaring and repelling A01M 29/00

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A01M 19/00			Insert the following <u>new</u> Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Destruction of insects A01M 1/00, A01M 3/00, A01M 5/00
			Flame-throwers A01M 15/00
			Destruction of weeds A01M 21/00
			Scaring and repelling A01M 29/00
A01M 21/00	Limiting References		Insert the following <u>new</u> row in the existing Limiting references table.
			Control of undesirable vegetation on roads or permanent ways of
			railways E01H 11/00
A01M 21/00	Limiting References		<u>Delete</u> the following <u>eight</u> existing rows in the Limiting references table.
			Flame-throwers A01M 15/00
			Destruction of animals using steam or electricity A01M 19/00
			Hand-tools for uprooting weeds A01B 1/00
			Machines for working soil and weeding A01B 39/00
			Biocides, plant growth regulators A01N 25/00 - A01N 65/00
			Spraying or atomising apparatus in general B05B
			Soil-conditioning or soil-stabilising materials C09K 17/00
			Control of weeds on roads and railways E01H 11/00

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A01M 21/00	Informative References		Add to the <u>existing</u> Informative references table the following new rows. Hand-tools for uprooting weeds
			A01B 1/00 Machines for working soil and
			weeding A01B 39/00 Flame-throwers A01M 15/00
			Destruction of animals using steam or electricity A01M 19/00
			Biocides, plant growth regulators A01N 25/00 - A01N 65/00
			Spraying or atomising apparatus in general B05B
			Soil-conditioning or soil-stabilising materials C09K 17/00
A01M 23/00	Limiting References	Traps for insectsA01M 1/00Bait stationsA01M 25/00	Delete the entire existing Limiting references section.
		Detection of animals A01M 31/00	<i>Limiting references</i> This place does not cover:
			Traps for insects A01M 1/00
			Bait stations A01M 25/00
A01M 23/00			Detection of animals A01M 31/00 Insert the following new Informative references section.
			<i>Informative references</i> Attention is drawn to the following places, which may be of interest for search:
			Housing animals A01K 1/00
			Traps for insects A01M 1/00
			Bait stationsA01M 25/00Detection of animalsA01M 31/00
	1	1	

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<u>Symbol</u>	Location of change	Existing reference symbol or text	Action; New symbol; New text
	(e.g., section title)		
A01M 25/00	Limiting References	Fumigators A01M 13/00 Destruction of vermin in foodstuff	Delete the following three rows from the existing Limiting references table.
		and clothes A01M 17/00	Bait stations for insects A01M 1/00
		Bait stations for insects A01M 1/00	Fumigators A01M 13/00
			Destruction of vermin in foodstuff and clothes A01M 17/00
A01M 25/00			Insert the following new Informative references section.
			Informative references
			Attention is drawn to the following places, which may be of interest for search:
			Bait stations for insectsA01M 1/00
			Fumigators A01M 13/00
			Destruction of vermin in foodstuff and clothes A01M 17/00
			Devices or methods for introducing solid, liquid, or gaseous remedies or other materials into or onto the bodies of animals A61D 7/00
A01M 27/00	Limiting	Destruction by steam, hot air or	Delete the entire existing Limiting
	References	electricity A01M 19/00	references section.
		Animal traps A01M 23/00	Limiting references
		Detection of animals A01M 31/00	This place does not cover:
			Destruction by steam, hot air or electricity A01M 19/00
			Animal traps A01M 23/00
			Detection of animals A01M 31/00

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A01M 27/00			Insert references section.Informative referencesInformative referencesAttention is drawn to the following places, which may be of interest for
A01M 29/00	Limiting	Catching or killing insects	Smallarms, e.g. pistols, rifles F41C <u>Delete</u> the <u>entire</u> <u>existing</u> Limiting
	References	A01M 1/00 Destruction of animals by steam, hot air or electricity A01M 19/00	references section. <i>Limiting references</i> <i>This place does not cover:</i>
		Trapping animals A01M 23/00 Poisoning animals A01M 25/00	Catching or killing insects A01M 1/00
			Destruction of animals by steam, hot air or electricity A01M 19/00
			Trapping animals A01M 23/00
A01M 29/00			Poisoning animals A01M 25/00 Insert the following new Informative references Attention is drawn to the following places, which may be of interest for search;
			Catching or killing insects A01M 1/00

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<u>Symbol</u>	Location of change (e.g., section title)	Existing reference symbol	l or text	Action; New symbol; New text
				Destruction of animals by steam, hot air or electricity A01M 19/00
				Trapping animals A01M 23/00
				Poisoning animals A01M 25/00
A01M 31/00	Limiting References	Detecting the presence o A01	f insects M 1/00	Delete the entire existing Limiting references section.
		Slaughtering A22	В	<i>Limiting references</i> This place does not cover:
				Detecting the presence of insects A01M 1/00
				Slaughtering A22B
A01M 31/00	Informative References			Add the following two <u>new</u> rows to the existing Informative references table.
				Detecting the presence of insects A01M 1/00
				Slaughtering A22B

NOTES:

• The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.

• Do not delete (F) symbol definitions.