SECTION C — CHEMISTRY; METALLURGY

C06 EXPLOSIVES; MATCHES

C06B EXPLOSIVE OR THERMIC COMPOSITIONS (blasting F42D); MANUFACTURE THEREOF; USE OF SINGLE SUBSTANCES AS EXPLOSIVES [2]

Note(s) [2]

- This subclass <u>covers</u>:
 - compositions which are:
 - a. explosive: compositions included are those containing both a fuel and sufficient oxidiser so that, upon initiation, they are capable of undergoing a chemical change of a relatively high rate of speed, resulting in the production of usable force for blasting, firearms, propelling missiles, or the like;
 - b. thermic: compositions included have (i) a consumable fuel component which consists of any element which is a metal, B, Si, Se or Te, or mixtures, intercompounds, or hydrides thereof; and (ii) in combination an oxidant component which is either a metal oxide or a salt (organic or inorganic) capable of yielding a metal oxide on decomposition;
 - fuels for rocket engines and intended for reaction with an oxidant, excluding air, in order to provide thrust for motive power purposes;
 - d. for use in affecting the explosion environment, e.g. for neutralising the poisonous gases of explosives, for cooling the explosion gases, or the like;
 - methods or apparatus for preparing or treating such compositions not otherwise provided for;
 - methods of using single substances as explosives.
- 2. In this subclass, the following term is used with the meaning indicated:
 - "nitrated" covers compounds having a nitro group or a nitrate ester group.
- 3. Methods or apparatus for preparing or treating such compositions are classified according to the particular components of the compositions.

Subclass index

EXPLOSIVE OR THERMIC COMPOSITIONS

Containing nitrated derivatives

inorganic	31/00
organic	25/00, 41/00
Containing nitrides or fulminates	35/00, 37/00
Containing chlorates or perchlorates	
Containing metal	
Containing phosphorus	39/00
Other compositions	23/00, 43/00
Compositions defined by the structure or arrangement of the components	45/00, 47/00
USE OF A SINGLE SUBSTANCE AS AN EXPLOSIVE	49/00
MANUFACTURE	21/00

21/00 Apparatus or methods for working-up explosives, e.g. forming, cutting, drying [1, 2006.01]

Note(s) [2]

In groups C06B 23/00-C06B 49/00, in the absence of an indication to the contrary, a composition is classified in the last place that provides for an ingredient.

- 23/00 Compositions characterised by non-explosive or nonthermic constituents [2, 2006.01]
- for neutralising poisonous gases from explosives produced during blasting [2, 2006.01]
- 23/04 for cooling the explosion gases **[2, 2006.01]**
- 25/00 Compositions containing a nitrated organic compound [2, 2006.01]

- the nitrated compound being starch or sugar [2, 2006.01]
- the nitrated compound being an aromatic [2, 2006.01]
 - with two or more nitrated aromatic compounds present [2, 2006.01]
- 25/08 • at least one of which is nitrated toluene **[2, 2006.01]**
- the compound being nitroglycerine [2, 2006.01]
- 25/12 • with other nitrated organic compound **[2, 2006.01]**
- 25/14 • the other compound being a nitrated aliphatic diol [2, 2006.01]
- 25/16 • the other compound being a nitrated aromatic **[2, 2006.01]**
- 25/18 the compound being nitrocellulose present as 10% or more by weight of the total composition [2, 2006.01]

IPC (2015.01), Section C 1

25/06

2

25/20	 with a non-explosive or a non-thermic 	31/30	 with vegetable matter; with resin; with
	component [2, 2006.01]	31/30	rubber [2, 2006.01]
25/22		24 /22	
25/22	• • with a nitrated aromatic compound [2, 2006.01]	31/32	• • with a nitrated organic compound [2, 2006.01]
25/24	• • with nitroglycerine [2, 2006.01]	31/34	• • • the nitrated compound being starch or
25/26	• • • with an organic non-explosive or an organic		sugar [2, 2006.01]
	non-thermic component [2, 2006.01]	31/36	 • • • with other explosive or thermic
25/28	 the compound being nitrocellulose present as less 		component [2, 2006.01]
	than 10% by weight of the total	31/38	 the nitrated compound being an
	composition [2, 2006.01]		aromatic [2, 2006.01]
25/30	 with nitroglycerine [2, 2006.01] 	31/40	 • • • with an organic non-explosive or an organic
25/32	the compound being nitrated		non-thermic component [2, 2006.01]
	pentaerythritol [2, 2006.01]	31/42	• • • with other explosive or thermic
25/34	 the compound being a nitrated acyclic, alicyclic or 		component [2, 2006.01]
	heterocyclic amine [2, 2006.01]	31/44	• • • the compound being nitroglycerine [2, 2006.01]
25/36	• the compound being a nitroparaffin [2, 2006.01]	31/46	• • • with a vegetable matter component, e.g.
25/38	• with other nitrated organic compound [2, 2006.01]	02, 10	wood pulp, sawdust [2, 2006.01]
25/40	 with outer intraced organic compound [2, 2000.01] with two or more nitroparaffins 	31/48	• • • • with other explosive or thermic
23/40	present [2, 2006.01]	51740	component [2, 2006.01]
	present [2, 2000.01]	31/50	• • • • the other component being a nitrated
27/00	Compositions containing a metal, boron, silicon,	31/30	organic compound [2, 2006.01]
	selenium or tellurium or mixtures, intercompounds	31/52	
	or hydrides thereof, and hydrocarbons or	31/32	
	halogenated hydrocarbons [2, 2006.01]		10% or more by weight of the total
	narogenated if arocarbons [2, 200001]	24 /54	composition [2, 2006.01]
29/00	Compositions containing an inorganic oxygen-	31/54	• • • with other nitrated organic
	halogen salt, e.g. chlorate, perchlorate [2, 2006.01]	24.56	compound [2, 2006.01]
29/02	• of an alkali metal [2, 2006.01]	31/56	• • • the compound being nitrocellulose present as
29/04	with an inorganic non-explosive or an inorganic		less than 10% by weight of the total
25701	non-thermic component [2, 2006.01]		composition [2, 2006.01]
29/06	• the component being a cyanide; the component	33/00	Compositions containing particulate metal, alloy,
23/00	being an oxide of iron, chromium or	33/00	boron, silicon, selenium or tellurium with at least one
	manganese [2, 2006.01]		oxygen supplying material which is either a metal
29/08	with an organic non-explosive or an organic non-		oxide or a salt, organic or inorganic, capable of
23/00	thermic component [2, 2006.01]		yielding a metal oxide [2, 2006.01]
	therime component [2, 2000.01]		yiciding a metar oxide [2, 2000.01]
20/10	• • the component being a dye or a colouring	33/02	
29/10	• • • the component being a dye or a colouring	33/02	 with an organic non-explosive or an organic non-
	agent [2, 2006.01]		 with an organic non-explosive or an organic non- thermic component [2, 2006.01]
29/12	agent [2, 2006.01] • • with carbon or sulfur [2, 2006.01]	33/02 33/04	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen
29/12 29/14	 agent [2, 2006.01] with carbon or sulfur [2, 2006.01] with iodine or an iodide [2, 2006.01] 	33/04	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01]
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29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with a nitrated organic compound [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12 31/14	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • with a nitrated organic compound [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with oxygen [2, 2006.01]
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with oxygen [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01]
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/06 31/08 31/10 31/12 31/14 31/16	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with a morganic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being a nitrated toluene [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with oxygen [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12 31/14	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being a nitrated toluene [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02 39/04	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] With a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with oxygen [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01]
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12 31/14 31/16 31/18	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with a ritrated organic compound [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being a nitrated toluene [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] With a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with oxygen [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01] with free metal, alloy, boron, silicon, selenium or
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12 31/14 31/16 31/18 31/20	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being a nitrated toluene [2, 2006.01] • the compound being a nitrated phenol, e.g. picric acid [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02 39/04	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] With a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with oxygen [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01]
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12 31/14 31/16 31/18	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with a ritrated organic compound [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being a nitrated toluene [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02 39/04 39/06	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01] with ree metal, alloy, boron, silicon, selenium or tellurium [2, 2006.01]
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/04 31/06 31/10 31/12 31/14 31/16 31/18 31/20	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being a nitrated toluene [2, 2006.01] • the compound being a nitrated phenol, e.g. picric acid [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02 39/04	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01] with free metal, alloy, boron, silicon, selenium or tellurium [2, 2006.01] Compositions containing a nitrated metallo-organic
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/06 31/08 31/10 31/12 31/14 31/16 31/18 31/20 31/22	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with an organic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being an iltrated toluene [2, 2006.01] • the compound being a nitrated phenol, e.g. picric acid [2, 2006.01] • the compound being nitroglycerine [2, 2006.01] • the compound being nitroglycerine [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02 39/04 39/06 41/00	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01] with free metal, alloy, boron, silicon, selenium or tellurium [2, 2006.01] Compositions containing a nitrated metallo-organic compound [2, 2006.01]
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/06 31/08 31/10 31/12 31/14 31/16 31/18 31/20 31/22	agent [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with iodine or an iodide [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being nitrated toluene or a nitrated phenol [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] • the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] • with carbon or sulfur [2, 2006.01] • with a norganic non-explosive or an organic non-thermic component [2, 2006.01] • with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] • with a nitrated organic compound [2, 2006.01] • the compound being an aromatic [2, 2006.01] • the compound being a nitrated toluene [2, 2006.01] • the compound being a nitrated phenol, e.g. picric acid [2, 2006.01] • the compound being nitroglycerine [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • the compound being nitrocellulose [2, 2006.01] • with other explosive or thermic	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02 39/04 39/06 41/00 41/02	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] With a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] Compositions containing free phosphorus or a binary compound of phosphorus, except with oxygen [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01] with free metal, alloy, boron, silicon, selenium or tellurium [2, 2006.01] compositions containing a nitrated metallo-organic compound [2, 2006.01] the compound containing lead [2, 2006.01]
29/12 29/14 29/16 29/18 29/20 29/22 31/00 31/02 31/06 31/08 31/10 31/12 31/14 31/16 31/18 31/20 31/22 31/24	agent [2, 2006.01] with carbon or sulfur [2, 2006.01] with iodine or an iodide [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being nitrated toluene or a nitrated phenol [2, 2006.01] the compound being nitrocellulose [2, 2006.01] the salt being ammonium perchlorate [2, 2006.01] Compositions containing an inorganic nitrogenoxygen salt [2, 2006.01] the salt being an alkali metal or an alkaline earth metal nitrate [2, 2006.01] with carbon or sulfur [2, 2006.01] with an organic non-explosive or an organic non-thermic component [2, 2006.01] with a metal oxygen-halogen salt, e.g. inorganic chlorate, inorganic perchlorate [2, 2006.01] with a nitrated organic compound [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the compound being a nitrated toluene [2, 2006.01] the compound being a nitrated phenol, e.g. picric acid [2, 2006.01] the compound being nitroglycerine [2, 2006.01] the compound being nitrocellulose [2, 2006.01] the compound being nitrocellulose [2, 2006.01]	33/04 33/06 33/08 33/10 33/12 33/14 35/00 37/00 37/00 39/02 39/04 39/06 41/00	 with an organic non-explosive or an organic non-thermic component [2, 2006.01] the material being an inorganic nitrogen-oxygen salt [2, 2006.01] the material being an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound [2, 2006.01] the compound being an aromatic [2, 2006.01] the material being two or more oxygen-yielding compounds [2, 2006.01] at least one being an inorganic nitrogen-oxygen salt [2, 2006.01] Compositions containing a metal azide [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with a nitrated organic compound or an inorganic oxygen-halogen salt [2, 2006.01] with an inorganic oxygen-halogen salt [2, 2006.01] with a binary compound of phosphorus, except with oxygen [2, 2006.01] with free metal, alloy, boron, silicon, selenium or tellurium [2, 2006.01] Compositions containing a nitrated metallo-organic compound [2, 2006.01]

41/06	• • • with an inorganic explosive or an inorganic thermic component [2, 2006.01]	45/24	• • • the compound being an organic explosive or an organic thermic component [2, 2006.01]
41/08	with a metal azide or a metal	45/26	• • • • the compound being a nitrated
	fulminate [2, 2006.01]		toluene [2, 2006.01]
41/10	 with other nitrated metallo-organic compound [2, 2006.01] 	45/28	• • the component base containing nitrocellulose and nitroglycerine [2, 2006.01]
43/00	Compositions characterised by explosive or thermic	45/30	the component base containing an inorganic
45/00	constituents not provided for in groups C06B 25/00-		explosive or an inorganic thermic component [2, 2006.01]
	C06B 41/00 [2, 2006.01]	45/32	• the coating containing an organic
45/00	Compositions or products which are defined by		compound [2, 2006.01]
45/00	structure or arrangement of component or product	45/34	• • • • the compound being an organic explosive or
	(explosive charges of particular form or shape	45/36	an organic thermic component [2, 2006.01]the component base containing both an organic
45/02	F42B 1/00, F42B 3/00) [2, 2006.01] • comprising particles of diverse size or	45/50	explosive or thermic component and an inorganic
43/02	shape [2, 2006.01]		explosive or thermic component [2, 2006.01]
45/04	comprising solid particles dispersed in solid solution	47/00	Compositions in which the components are
45/06	or matrix [2, 2006.01]the solid solution or matrix containing an organic		separately stored until the moment of burning or
43/00	component [2, 2006.01]		explosion, e.g. "Sprengel"-type explosives; Suspensions of solid component in a normally non-
45/08	• • • the dispersed solid containing an inorganic		explosive liquid phase, including a thickened
	explosive or an inorganic thermic		aqueous phase [2, 2006.01]
45/10	component [2, 2006.01] • • the organic component containing a	47/02	 the components comprising a binary propellant [2, 2006.01]
45/10	resin [2, 2006.01]	47/04	a component containing a nitrogen oxide or acid
45/12	 having contiguous layers or zones [2, 2006.01] 	, .	thereof [2, 2006.01]
45/14	a layer or zone containing an inorganic explosive	47/06	• • a component being a liquefied normally gaseous
45/16	or an inorganic thermic component [2, 2006.01] • • the layer or zone containing at least one		material supplying oxygen (C06B 47/04 takes precedence) [2, 2006.01]
43/10	inorganic component from the group of azide,	47/08	• • a component containing hydrazine or a hydrazine
	fulminate, phosphorus and	, 00	derivative [2, 2006.01]
45 /40	phosphide [2, 2006.01]	47/10	• • a component containing free boron, an organic
45/18	 comprising a coated component (particles dispersed in a matrix C06B 45/04; coated explosive charges 		borane or a binary compound of boron, except with oxygen [2, 2006.01]
	F42B) [2, 2006.01]	47/12	• • a component being a liquefied normally gaseous
45/20	 the component base containing an organic 	, .=	fuel [2, 2006.01]
	explosive or an organic thermic component [2, 2006.01]	47/14	• comprising a solid component and an aqueous
45/22	• • the coating containing an organic		phase [2, 2006.01]
	compound [2, 2006.01]	49/00	Use of single substances as explosives [2, 2006.01]
C06C	DETONATING OR PRIMING DEVICES; FUSES; CHI	EMICAL LIG	HTERS; PYROPHORIC COMPOSITIONS [2]
5/00	Fuses, e.g. fuse cords [1, 2006.01]	7/02	• Manufacture; Packing [1, 2006.01]
5/04	• Detonating fuses [1, 2006.01]	9/00	Chemical contact igniters; Chemical
5/06	• Fuse igniting means; Fuse connectors [1, 2006.01]	3/00	lighters [1, 2006.01]
5/08	• Devices for the manufacture of fuses [1, 2006.01]	4= /00	
7/00	Non-electric detonators; Blasting caps; Primers [1, 2006.01]	15/00	Pyrophoric compositions; Flints (chemical lighters C06C 9/00) [1, 2006.01]
C06D	MEANS FOR GENERATING SMOKE OR MIST; (COMPOSITIONS; GENERATION OF GAS FOR
	BLASTING OR PROPULSION (CHEMICAL PART) [2	4]	
3/00	Generation of smoke or mist (chemical part)	5/02	by decompressing compressed, liquefied, or
	(compositions used as biocides, pest repellants or	- v v -	solidified gases [1, 2006.01]
	attractants, or plant growth regulators	5/04	• by auto-decomposition of single
	A01N 25/18) [1, 2006.01]	E /0 <i>6</i>	substances [1, 2006.01]by reaction of two or more solids [1, 2006.01]
5/00	Generation of pressure gas, e.g. for blasting	5/06 5/08	 by reaction of two or more solids [1, 2006.01] by reaction of two or more liquids [1, 2006.01]
	cartridges, starting cartridges, rockets (explosive	5/10	 by reaction of two of more riquids [1, 2006.01] by reaction of solids with liquids [1, 2006.01]
	compositions containing an oxidizer, fuels for rocket engines intended for reaction with an oxidant other than		
	air C06B) [1, 2006.01]	7/00	Compositions for gas-attacks [1, 2006.01]

IPC (2015.01), Section C 3

C06F MATCHES; MANUFACTURE OF MATCHES

1/00 1/02	Mechanical manufacture of matches [1, 2006.01] • Cutting match splints [1, 2006.01]	1/22	 Manufacturing of match-books, match packs or match packages [1, 2006.01]
1/04	 Filling match splints into carrier bars; Discharging matches [1, 2006.01] 	1/24 1/26	 Safety devices against fire [1, 2006.01] Production lines for complete match
1/06	 Dipping, coating, impregnating, or drying of matches [1, 2, 2006.01] 		manufacture [1, 2006.01]
1/08	• Carrier bars [1, 2006.01]	3/00	Chemical features in the manufacture of matches [1, 2006.01]
1/10 1/12	 Guiding means for carrier bars [1, 2006.01] Filling matches into boxes [1, 2006.01]	3/02	Wooden strip for matches or substitute therefor [1, 2006.01]
1/14 1/16	Manufacture of ignition strips [1, 2006.01]Manufacture of matches connected together, e.g. in	3/04	Chemical treatment before or after dipping, e.g. dyeing, impregnating [1, 2006.01]
1/18	bands or blocks [1, 2006.01]Printing on matches or match-boxes when combined	3/08	• Strike-surface compositions [1, 2006.01]
1/20	 with match manufacture [1, 2006.01] Applying strike-surfaces, e.g. on match-boxes, on match-books [1, 2006.01] 	5/00 5/02 5/04	 Matches (match-books A24F 27/12) [1, 2006.01] Permanent matches [1, 2006.01] Wax matches [1, 2006.01]