

1	DESTRUCTION OR CONTAINMENT OF RADIOACTIVE WASTE	304	..Sonic energy (EPO/JPO)
2	.By fixation in stable solid media	305	..Particle radiation, e.g., electron beam radiation (EPO/JPO)
3	..Cement, concrete, or hydraulic setting	306	..Electromagnetic radiation, e.g., laser (EPO/ JPO)
4	...With additional solid material to enhance fixation of radioactivity	307	...Gamma rays (about 0.003nm-0.03nm) (EPO/JPO)
5	..Bituminous	308	...X-rays (about 0.03mn-3nm) (EPO/JPO)
6	..Resin or polymer; e.g., cellulose, polyethylene	309	...Ultraviolet radiations (about 3nm-400nm) (EPO/JPO)
7	...Ion exchange resin	310	...Microwave radiations (about 0.3cm-30cm) (EPO/JPO)
8	...Polymer derived from ethylenically unsaturated monomer	311	..Plasma (EPO/JPO)
9	..Clay or claylike	312	.By hydrolysis or destructive steam gasification, e.g., using water and heat or supercritical water, to effect chemical change (EPO/JPO)
10	..Ceramic or ceramiclike		
11	...Glass, glasslike, vitreous		
12Boron containing		
13	..Ion exchange material	313	.By reacting with chemical agents (EPO/JPO)
14	..Silicon containing		
15	..Metal containing	314	..By treatment in molten chemical reagent, e.g., salts or metals (EPO/JPO)
16	..Surrounding with specified material or structure		
17	..Geological or extraterrestrial	315	..By chemical fixing the harmful substance, e.g., by chelation or complexation (EPO/JPO)
18	..Chemical conversion to a stable solid for disposal		
19	..Incineration, calcination, pyrolyzing to obtain solid residue	316	..Dehalogenation using reactive chemical agents able to degrade (EPO/JPO)
20	..Treating radioactive liquid	317	..By hydrolysis (EPO/JPO)
299	GERM WARFARE AGENTS DESTROYED	318	..Detoxification by using acid or alkaline reagents (EPO/JPO)
300	PROCESSES FOR MAKING HARMFUL CHEMICAL SUBSTANCES HARMLESS, OR LESS HARMFUL, BY EFFECTING A CHEMICAL CHANGE IN THE SUBSTANCES (EPO/ JPO)	319	..By reduction, e.g., hydrogenation (EPO/JPO)
		320	..By oxidation; by combustion (EPO/JPO)
		321	..By heating to effect chemical change. e.g., pyrolysis (EPO/ JPO)
		400	.Harmful chemical substances made harmless, or less harmful, by effecting chemical change (EPO/JPO)
			Note: Subclasses 401 through 404 form part of a multiple aspect schedule. Documents classified in one of these subclasses are normally also classified in subclasses 405 through 415 to identify the hazardous material.
301	.By subjecting to electric or wave energy or particle or ionizing radiation (EPO/ JPO)		
302	..Electrochemical processes, e.g., electrodialysis (EPO/ JPO)		
303	...Electrolytic degradation or conversion (EPO/JPO)		

Note: When classifying in subclasses 300-321, classification is also made in subclasses 400-415 to identify the hazardous substance.

- 401 ..Chemical warfare substances, e.g., cholinesterase inhibitor (EPO/JPO)
- 402 ..Pesticides, e.g., insecticides, herbicides, fungicides, nematocides (EPO/JPO)
- 403 ..Explosives, propellants or pyrotechnics, e.g., rocket fuel, napalm (EPO/JPO)
- 404 ..Toxic combustion residues, e.g., toxic substances contained in fly ash from waste incineration (EPO/JPO)
- 405 ..Organic substances (EPO/JPO)
- 406 ...Containing halogen (EPO/JPO)
- 407 ...Containing heavy metals (EPO/JPO)
- 408 ...Containing nitrogen or phosphorus (EPO/JPO)
- 409 ...Containing oxygen, sulfur, selenium or tellurium, i.e., chalcogen (EPO/JPO)
- 410 ..Inorganic substances (EPO/JPO)
- 411 ...Inorganic fibers, e.g., asbestos (EPO/JPO)
- 412 ...Containing heavy metals, in the bonded or free state (EPO/JPO)
- 413 ...Containing nitrogen phosphorus (EPO/JPO)
- 414 ...Containing oxygen, sulfur, selenium or tellurium, i.e., chalcogen (EPO/JPO)
- 415 ...Containing halogen (EPO/JPO)
- 249 **CONTAINMENT**
- 249.5 .Chemical or germ warfare agents, or pathogenic organisms (e.g., sarin, VX, anthrax, virus, bacteria and medical waste, etc.)
- 250 .Geologic, marine, or extraterrestrial storage and containment (e.g., tectonic, volcanic, deep natural, manmade earth cavity, submarine placement sites, lunar, earth orbital, and solar placement, etc.)
- 251 .Treating a solid (e.g., clay, slag, spent sorbent, active carbon, etc.) to prevent gas emissions
- 252 .Solidification, vitrification, or cementation
- 253 ..In situ vitrification
- 254 ..Contains asbestos
- 255 ..Polymer or resin containing (e.g., foam, etc.)
- 256 ..Waste contains heavy metal (e.g., fly, ash, flue dust, and incinerator ash)
- 257 ...And confined in a cement type material (e.g., concrete)
- 259 .Secondary containment
- 260 .With sensing, detecting, or monitoring
- 261 **MISCELLANEOUS**
- CROSS-REFERENCE ART COLLECTIONS**
- 900 **APPARATUS**
- 901 **COMPOSITIONS**
- FOREIGN ART COLLECTIONS**
- FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**