| This Class 502 is considered to be an integral part of Class 252 (see the Class 252 schedule for the position of this Class in schedule hierarchy). This Class retains all pertinent definitions and class lines of Class 252. | | 28 29 30 31 32 33 34 35 | OrganicOrganic liquidAnd gas addition theretoHydrocarbonHalogen containingOxygen containingOxygen containingUsing halogen containing substance including liquids vaporizable upon contacting |
|--|---|--|--|
| 1 | HAVING FOREIGN OR DIVERSE | | spent catalyst or sorbent |
| | FUNCTION (E.G., PREVENT | 36 | Fluorine containing |
| | CORROSION, ETC.) | 37 | Simultaneously or subsequently |
| 2 | .With structure having utility in | | adding free oxygen or use of |
| | addition to support or carrier | | oxyhalogen compound |
| 3 | TO BE USED AS A MELT | 38 | Treating with free oxygen |
| 4 | IN FORM OF A MEMBRANE | | containing gas |
| 5 | IRRADIATION BY, OR APPLICATION | 39 | And forming useful by-product |
| | OF, ELECTRICAL, MAGNETIC OR WAVE ENERGY | 40 | And adding heat by admixing solid heat carrier |
| 6 | CONTROL RESPONSIVE TO SENSED CONDITION | 41 | In gaseous suspension (e.g., fluidized bed, etc.) |
| 7 | BIOSPECIFIC MATERIAL, OR PRODUCED | 42 | And substantially complete |
| | BY ENZYME OR MICROORGANISM | | oxidation of carbon monoxide |
| 8 | FORMING OR TREATING A SPHERE, | | to carbon dioxide within |
| | PROCESS ONLY | | regeneration zone |
| 9 | .Forming other than by liquid | 43 | Plural distinct serial |
| | immersion | | combustion stages |
| 10 | .Treating preformed sphere only | 44 | Indirectly heating or cooling |
| 11 | INCLUDING ION EXCHANGING, EXCEPT | | spent material within |
| | ZEOLITES OR PRODUCT THEREOF | | regeneration zone or prior to |
| 12 | .For regenerating or | | entry into regeneration zone |
| | rehabilitating catalyst or | 45 | Moving bed (e.g., vertically |
| | sorbent | | or horizontally, etc., moving |
| 20 | REGENERATING OR REHABILITATING | | bulk material) |
| | CATALYST OR SORBENT | 46 | Generally concurrent flow of |
| 21 | .Including segregation of diverse | | oxygen containing gas and |
| | particles | | material |
| 22 | .Treating with a liquid or | 47 | Generally countercurrent flow |
| | treating in a liquid phase, | | of oxygen containing gas and |
| | including dissolved or | | material |
| | suspended | 48 | Generally transverse (i.e., |
| 23 | "Wet air combustion" oxidation | | lateral) flow of oxygen |
| | of material submerged in | | containing gas relative to |
| | liquid | 4.0 | material |
| 24 | Including intended dissolution | 49 | Plural distinct oxidation |
| | or precipitation of a | F.0 | stages |
| | substantial amount of an | 50 | Reactive gas treating after |
| | ingredient of the ultimate | Г1 | oxidation |
| | composition | 51 | Oxidation gas comprises |
| 25 | Using salt or alkaline | F 0 | essentially steam and oxygen |
| | substance | 52 | With control of oxygen content |
| 26 | Ammonia or derivative thereof | F 2 | in oxidation gas |
| 27 | Using acid | 53 | Elemental hydrogen |

502 - 2 $\,$ CLASS 502 CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING

| г 4 | | 100 | D |
|-----|----------------------------------|--------------|--|
| 54 | Ammonia or derivative thereof | 102 | .Plural component system |
| 55 | Steam | | comprising A - Group I to IV |
| 56 | .By heat | | metal hydride or organometallic compound - and |
| 60 | ZEOLITE OR CLAY, INCLUDING | | B - Group IV to VIII metal, |
| C1 | GALLIUM ANALOGS | | lanthanide or actinde compound |
| 61 | .Gallium containing | | - (i.e., alkali metal, Ag, Au, |
| 62 | .Including organic component | | Cu, alkaline earth metal, Be, |
| 63 | .And additional AL or Si | | Mg, Zn, Cd, Hg, Sc, Y, Al, Ga, |
| | containing component | | In, Tl, Ti, Zn, Hf, Ge, Sn or |
| 64 | Zeolite | | Pb hydride or organometallic |
| 65 | And rare earth metal (Sc, Y or | | compound and Ti, Zr, Hf, Ge, |
| | Lanthanide) containing | | Sn, Pb, V, Nb, Ta, As, Sb, Bi, |
| 66 | And Group VIII (Iron Group or | | Cr, Mo, W, Po, Mn, Tc, Re, Iron |
| | Platinum Group) metal | | group, Platinum group, atomic |
| | containing | | number 57 to 71 inclusive or |
| 67 | Mixed zeolites | | atomic number 89 or higher |
| 68 | Mixed with clay | | compound) |
| 69 | Heterogeneous arrangement | 103 | Component A metal is Group IA, |
| 70 | Gelling in presence of zeolite | | IIA or IIIA and component B |
| 71 | ZSM Type | | metal is Group IVB to VIIB or |
| 72 | Mixed clays | | VIII (i.e., alkali metal, |
| 73 | .And Group III or rare earth | | alkaline earth Metal, Be, Mg, |
| | metal (Al, Ga, In, Tl, Sc, Y) | | Al, Ga, In or Tl and Ti, Zr, |
| | or Lanthanide containing | | Hf, V, Nb, Ta, Cr, Mo, W, Mn, |
| 74 | .And Group VIII (Iron Group or | | Tc, Re, iron Group or Platinum |
| | Platinum Group) containing | | group) (e.g., Ziegler |
| 75 | .Including chemical reduction of | | Catalyst, etc.) |
| | exchanged cation | 104 | Preparing catalyst or |
| 76 | .Coprecipitation | | precursor |
| 77 | .ZSM type | 105 | Including comminuting (e.g., |
| 78 | .Mordenite type | | milling, grinding, etc.) |
| 79 | .Faujasite type (e.g., X or Y, | 106 | Fluidized bed feature |
| , , | etc.) | 107 | Including heating to higher |
| 80 | .Clay | | temperature |
| 81 | Acid treating | 108 | Utilizing hydrocarbon |
| 82 | Plural acid treatment | | containing unsaturation not |
| 83 | | | part of benzene ring |
| | Sulfuric or hydrochloric acid | 109 | Utilizing high molecular |
| 84 | And metal, metal oxide, or | 100 | weight synthetic polymer |
| 0.5 | metal hydroxide | 110 | Including plural additions of |
| 85 | .Activating treatment | 110 | Component A |
| 86 | Utilizing ammonium ions | 111 | Utilizing water or compound |
| 87 | .Support per se | T.T.T | containing hydroxy bonded to |
| 100 | CATALYST OR PRECURSOR THEREFOR | | carbon |
| 101 | .Making catalytic electrode, | 112 | Containing iodine |
| | process only | 113 | |
| | | 113 | Containing two or more |
| | | 111 | different Component B metals |
| | | 114 | Containing hydrides or |
| | | | organometallic of two or more |
| | | 115 | different Component A metals |
| | | 115 | Magnesium containing |
| | | 116 | And compound containing |
| | | | Silicon-Hydrogen or Silicon- |
| | | | Carbon bond |

| 117 | Component B metal is other than titanium or vanadium | 155 | Including phosphorus or sulfur or compound containing |
|-------|--|------------|---|
| 118 | And a third component C (i.e., an additive other than a | | nitrogen or phosphorus or sulfur |
| | saturated hydrocarbon or an aromatic hydrocarbon free of | 156 | Including alcohol, phenol, or ether |
| | aliphatic or cycloaliphatic | 157 | Alkali metal bonded to carbon |
| | unsaturation) | 158 | Compound with Silicon-hydrogen |
| 119 | Non-metallic inorganic halogen containing | 130 | bond or organic compound with silicon-carbon bond |
| 120 | Elemental oxygen or | 159 | Resin, natural or synthetic, |
| 120 | nonmetallic inorganic oxygen- | 139 | |
| | containing material, other | 1.00 | polysaccharide or polypeptide |
| | than water | 160 | Peroxygen compound containing |
| 121 | | 161 | With metal carbonyl or carbon |
| 121 | Nonmetallic organic | | monoxide complex |
| 100 | phosphorus containing | 162 | Organic phosphorus or nitrogen, |
| 122 | Nonmetallic organic sulfur | | except the ammonium ion |
| | containing | 163 | Phthalocyanine |
| 123 | Nonmetallic organic nitrogen | 164 | Quaternary ammonium or |
| | containing | | phosphonium |
| 124 | Including element in | 165 | Copper containing |
| | addition to carbon, hydrogen, | 166 | Rhodium containing |
| | and nitrogen (e.g, nitro, | 167 | Organic nitrogen containing |
| | etc.) | 168 | Organic sulfur compound |
| 125 | Nonmetallic organic oxygen | 169 | With metal halide |
| | containing | 170 | With metal carboxylate or metal |
| 126 | Ether | 170 | |
| 127 | Ester | | compound and carboxylic acid or anhydride |
| 128 | Nonmetallic organic halide | 171 | |
| 129 | Metal compound other than | | <pre>Organic compound contains metal (e.g., Na-O-Ethyl, etc.)</pre> |
| | which could be produced in situ by reaction of a Group | 172 | <pre>Alcohol, phenol, ether, aldehyde or ketone</pre> |
| | IA, IIA, or Group IIIA metal | 173 | Elemental metal in organic |
| | compound present with a | | dispersing medium |
| | titanium or vanadium compound | 174 | .Inorganic carbon containing |
| 120 | present | 175 | Cyanide |
| 130 | Lead compound | 176 | Hydroxycarbonate |
| 131 | Tin compound | 177 | Carbide |
| 132 | Aluminum compound | 178 | Silicon carbide |
| 133 | Magnesium compound | 179 | Group VA (N, P, As, Sb, Bi) |
| 134 | Halogen containing | 2.7 | containing |
| 150 | .Organic compound containing | 180 | Elemental carbon |
| 151 | Method of making including | 181 | And halogen containing |
| | comminuting of solid material | 182 | And matagen containingAnd metal, metal oxide, or |
| | (e.g., grinding, crushing, | 102 | metal hydroxide |
| 1 5 0 | etc.) | 183 | Of Group II (i.e., alkaline |
| 152 | Organic compound including | | earth, Be, Mg, Zn, Cd or Hg) |
| 150 | carbon-metal bond | 184 | Of Group I (i.e., alkali, Ag, |
| 153 | Diverse metals bonded to | | Au or Cu) |
| 1 🗆 🖊 | carbon | 185 | Of Group VIII (i.e., iron or |
| 154 | Including metal compound | | platinum group) |
| | containing different matel | | |
| | containing different metal | 200 | .Nitrogen compound containing |
| | containing different metal than that bonded to carbon | 200 201 | .Nitrogen compound containingNitrate |
| | - | | Nitrate |
| | - | 201 | |

502 - 4 $\,$ CLASS 502 CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING

| 203 | Boron halide | 235 | Group III or rare earth |
|-----|-----------------------------------|------|--------------------------------|
| 204 | And Group VI metal containing | | metal, metal oxide, or metal |
| | (i.e., Cr, Mo, W or Po) | | hydroxide containing (i.e., |
| 205 | And bismuth containing | | Sc, Y, Al, Ga, In, Tl or |
| 206 | Molybdenum containing | | lanthanide) |
| 207 | And Group VIII metal containing | 236 | Group IV metal, metal oxide, |
| | (i.e., iron or platinum group) | | or metal hydroxide, (i.e., Ti, |
| 208 | .Phosphorus or compound | | Zr, Hf, Ge, Sn or Pb) |
| | containing same | 237 | Metal, metal oxide, or metal |
| 209 | And vanadium containing | | hydroxide containing |
| | | 238 | Of Group III metal (i.e., Sc, |
| 210 | And Group VI metal (i.e., Cr, | 200 | Y, Al, Ga, In or Tl) |
| 011 | Mo, W or Po,) | 239 | Of Group IV metal (i.e., Ti, |
| 211 | Molybdenum | 233 | |
| 212 | And bismuth containing | 0.40 | Zr, Hf, Ge, Sn or Pb) |
| 213 | And Group VIII metal containing | 240 | With metal, metal oxide, or |
| | (i.e., iron or platinum group) | | metal hydroxide |
| 214 | And silicon containing | 241 | Of Group VII (i.e., Mn, Tc or |
| 215 | .Selenium or tellurium or | | Re) |
| | compound containing same | 242 | Of Group IV (i.e., Ti, Zr, Hf, |
| 216 | .Sulfur or compound containing | | Ge, Sn or Pb) |
| 210 | same | 243 | Of Group I (i.e., Alkali, Ag, |
| 217 | Sulfate | | Au or Cu) |
| | | 244 | Of copper |
| 218 | And Group I metal containing | 245 | And group VIII metal |
| | (i.e., alkali, Ag, Au or Cu) | 243 | containing (i.e., iron or |
| 219 | And Group VI metal containing | | |
| | (i.e., Cr, Mo, W or Po) | 246 | platinum group) |
| 220 | Molybdenum containing | 246 | Of Group V (i.e., V, Nb, Ta, |
| 221 | And Group VIII metal | | As, Sb or Bi) |
| | containing (i.e., iron or | 247 | Of vanadium |
| | platinum group) | 248 | And Group VI metal (i.e., |
| 222 | And Group VIII metal containing | | Cr, Mo., W or Po) |
| | (i.e., iron or platinum group) | 249 | Of antimony or bismuth |
| 223 | Platinum group (i.e., Ru, Rh, | 250 | Of Group II (i.e., alkaline |
| 223 | Pd, Os, Ir, Pt) | | earth, Be, Mg, Zn, Cd or Hg) |
| 224 | .Halogen or compound containing | 251 | Magnesium |
| 224 | | 252 | And Group VIII metal |
| 005 | same | 232 | containing (i.e., iron or |
| 225 | Copper halide | | platinum group) |
| 226 | And Group II metal (i.e., | 253 | |
| | alkaline earth, Be, Mg, Zn Cd | | Of zinc, cadmium, or mercury |
| | or Hg) | 254 | Of Group VI (i.e., Cr, Mo, W |
| 227 | And Group IV metal (i.e., Ti, | | or Po) |
| | Zr, Hf, Ge, Sn or Pb) | 255 | Molybdenum |
| 228 | And Group VI metal (i.e., Cr, | 256 | Chromium |
| | Mo, W or Po) | 257 | And Group VIII metal |
| 229 | And Group VIII metal (i.e., | | containing (i.e., iron or |
| - | iron or platinum group) | | platinum group) |
| 230 | Platinum group (i.e., Ru, Rh, | 258 | Of Group VIII (i.e., iron or |
| 230 | Pd, Os, Ir or Pt) | | platinum group) |
| 221 | | 259 | Nickel |
| 231 | And Group III metal (i.e., Sc, | 260 | Cobalt |
| 020 | Y, Al, Ga, In or Tl) | 261 | Platinum group (i.e., Ru, Rh, |
| 232 | .Silicon containing or process of | 201 | |
| | making | 262 | Pd, Os, Ir or Pt) |
| 233 | Forming silica gel | 262 | Platinum or palladium |
| 234 | Coprecipitating | | |
| | | | |

| 263 | Of Group III or lanthanide | 327 | And Group III metal |
|-------|---------------------------------|-------|----------------------------------|
| | group (i.e., Sc, Y, Al, Ga, | | containing (i.e., Sc, Y, Al, |
| | In, Tl, or atomic number 57 to | | Ga, In or Tl) |
| | 71 inclusive) | 328 | And Group II metal containing |
| 300 | .Metal, metal oxide or metal | | (i.e., alkaline earth, Be, Mg, |
| | hydroxide | | Zn, Cd or Hg) |
| 301 | Raney type | 329 | Zinc containing |
| | | | _ |
| 302 | Of lanthanide series (i.e., | 330 | And Group I metal containing |
| | atomic number 57 to 71 | 224 | (i.e., alkali, Ag, Au or Cu) |
| 0.00 | inclusive) | 331 | Copper containing |
| 303 | Lanthanum | 332 | And Group III metal containing |
| 304 | Cerium | | (i.e., Sc, Y, Al, Ga, In or Tl) |
| 305 | Of Group VI (i.e., Cr, Mo, W or | 333 | Of palladium |
| | Po) | 334 | Of platinum |
| 306 | And Group II metal containing | 335 | Of nickel |
| | (i.e., alkaline earth, Be, Mg, | 336 | Of iron |
| | Zn, Cd or Hg) | 337 | Of nickel |
| 307 | Zinc | 338 | Of iron |
| 308 | And Group IV metal containing | 339 | Of palladium or platinum |
| | (i.e., Ti, Zr, Hf, Ge, Sn or | 340 | Of Group II (i.e., alkaline |
| | Pb) | 340 | earth, Be, Mg, Zn, Cd or Hg) |
| 309 | Titanium containing | 341 | |
| 310 | Tin containing | 341 | And Group III metal containing |
| 311 | And Group V metal containing | 2.40 | (i.e., Sc, Y, Al, Ga, In or Tl) |
| J11 | (i.e., V, Nb, Ta, As, Sb or Bi) | 342 | Of zinc |
| 210 | | 343 | Of zinc |
| 312 | Vanadium containing | 344 | Of Group I (i.e., alkali, Ag, |
| 313 | And Group VIII metal | | Au or Cu) |
| | containing (i.e., iron or | 345 | Of copper |
| 0.1.1 | platinum group) | 346 | And Group III metal |
| 314 | Iron group metal and Group | | containing (i.e., Sc, Y, Al, |
| | III metal containing (i.e., | | Ga, In or Tl) |
| | Fe, Co or Ni and Sc, Y, Al, Ga, | 347 | Of silver |
| | In or Tl) | 348 | And Group III metal |
| 315 | Nickel containing | | containing (i.e., Sc, Y, Al, |
| 316 | Iron containing | | Ga, In or Tl) |
| 317 | And Group I containing (i.e., | 349 | Of Group IV (i.e., Ti, Zr, Hf, |
| | alkali, Ag, Au or Cu) | | Ge, Sn or Pb) |
| 318 | Copper containing | 350 | Of titanium |
| 319 | Of chromium | 351 | And Group III metal |
| 320 | And Group III metal | | containing (i.e., Sc, Y, Al, |
| | containing (i.e., Sc, Y, Al, | | Ga, In or Tl) |
| | Ga, In or Tl) | 352 | Of tin |
| 321 | Of molybdenum | | |
| 322 | And Group III metal | 353 | Of Group V (i.e., V, Nb, Ta, |
| 322 | containing (i.e., Sc, Y, Al, | 254 | As, Sb or Bi) |
| | Ga, In or Tl) | 354 | And Group III metal containing |
| 323 | And Group III metal containing | 0.5.5 | (i.e., Sc, Y, Al, Ga, In or T1) |
| 323 | (i.e., Sc, Y, Al, Ga, In or Tl) | 355 | Of Group III (i.e., Sc, Y, Al, |
| 324 | Of manganese | | Ga, In or Tl) |
| | _ | 400 | SOLID SORBENT |
| 325 | Of Group VIII (i.e., iron or | 401 | .Organic |
| 206 | platinum group) | 402 | Synthetic resin |
| 326 | Of platinum group metal and of | 403 | Protein |
| | iron group (i.e., Ru, Rh, Pd, | 404 | Carbohydrate |
| | Os, Ir, or Pt and Fe, Co or Ni) | 405 | .Inorganic gel containing (e.g., |
| | | | silicagel) |
| | | | |

502 - 6 $\,$ CLASS 502 CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING

| 406 | .Having specifically intended extraneously added iron group | 438 | Chemically reducing an oxide or product thereof |
|------|--|--------|---|
| | (i.e., Fe, Co, Ni) component | 439 | MISCELLANEOUS (E.G., CARRIER OR |
| 407 | .Silicon containing | | SUPPORT PER SE OR PROCESS OF |
| 408 | Acid treated | | MAKING, ETC.) |
| 409 | Ouartz | | |
| 410 | Magnesium silicate (e.g., | | |
| | abestos, vermiculite, etc.) | | |
| 411 | Having extraneously added | CROSS- | REFERENCE ART COLLECTIONS |
| | alkali metal, or alkaline | CICODD | REPERENCE ANT CODECITORS |
| | earth metal | 500 | STABILIZED |
| 412 | Diatomaceous earth | 501 | .For multi-regenerability |
| 413 | Free carbon containing | 502 | 9 |
| 414 | .Aluminum containing | 503 | .Cystallinity |
| 415 | Alumina (i.e., dialuminum | | .Crush strength |
| 113 | trioxide) | 504 | .Abrasion resistance |
| 416 | .Free carbon containing | 506 | METHOD OF MAKING INORGANIC |
| 417 | And specified adde active | | COMPOSITION UTILIZING ORGANIC |
| 417 | sorbent material | | COMPOUND (EXCEPT FORMIC, |
| 418 | Process utilizing solid or | | ACETIC, OR OXALIC ACID OR SALT |
| 410 | liquid source carbonizable | 507 | THEREOF) |
| | material, or product thereof | 507 | .Synthetic resin, natural resin, |
| 419 | Producing diverse useful | EOO | polysaccaride, or polypeptide |
| 419 | byproduct | 508 | .Sulfur containing organic |
| 420 | Temperature vs. time factor | F 0 0 | compound |
| 421 | _ | 509 | .Nitrogen containing organic |
| 421 | Including recycling product or intermediate thereof to prior | F10 | compound |
| | stage of process | 510 | Also containing hydroxyl bonded |
| 422 | Including diverting part of | | to carbon, e.g., carboxylic |
| 422 | source to provide fuel for | F11 | acid, etc. |
| | process | 511 | Two or more nitrogen atoms |
| 423 | Adding nongaseous inorganic, | | bonded to different carbon |
| 423 | or inorganic yielding | E10 | atoms |
| | component, prior to or during | 512 | .Carboxylic acid or salt thereof |
| | process | | other than formic, acetic, or oxalic acid |
| 424 | Zinc containing | E12 | |
| 425 | Phosphorus containing | 513 | .Alcohol, phenol, or ether or |
| 426 | Acid | E1 / | metallate thereof |
| 427 | Alkali metal, alkaline earth | 514 | PROCESS APPLICABLE EITHER TO |
| 427 | metal, or magnesium containing | | PREPARING OR TO REGENERATING |
| 428 | Including pelletizing or | | OR TO REHABILITATING CATALYST OR SORBENT |
| 420 | briquetting and subsequently | 515 | SPECIFIC CONTAMINANT REMOVAL |
| | comminuting | | |
| 429 | Using carbonaceous binder | 516 | .Metal contaminant removal |
| 430 | Treating with gas | 517 | .Sulfur or sulfur compound |
| 431 | Fluidized bed having | F10 | removal |
| 431 | <u> </u> | 518 | .Carbonaceous contaminant |
| 122 | specified parameter | 519 | REAGENT GRADE (E.G., ULTRA PURE) |
| 432 | Specified atmosphere | 520 | SUPPRESSED SIDE REACTIONS |
| 433 | Including free oxygen | 521 | METAL CONTAMINANT PASSIVATION |
| 434 | And subsequent diverse gas | 522 | RADIANT OR WAVE ENERGY ACTIVATED |
| 435 | Exposure to hot flue or | 523 | MISCELLANEOUS SPECIFIC TECHNIQUES |
| 12 C | exhaust gas | F.C. 4 | OF GENERAL APPLICABILITY |
| 436 | Diverse temperatures | 524 | SPINEL |
| 437 | Specified source (e.g., peach | 525 | PEROVSKITE |
| | pit, etc.) | | |

| 526 | SORBENT FOR FLUID STORAGE, OTHER THAN AN ALLOY FOR HYDROGEN STORAGE |
|-----------|--|
| 527.11 | MONOLITH OF PECULIAR STRUCTURE OR PHYSICAL FORM, WITH SPECIFIED HEAT EXCHANGE CAPABILITY |
| 527.12 | PLURAL LAYERS ON A SUPPORT, EACH LAYER HAVING A DISTINCT FUNCTION |
| 527.13 | .More than two overlapping layers |
| 527.14 | SPECIFIED SUPPORT PARTICLES OF |
| | PECULIAR STRUCTURE OR PHYSICAL |
| | FORM (E.G., WHISKERS, FIBER |
| | PIECES, ETC.) |
| 527.15 | .Layered deposition on support |
| | particle (i.e., on a carrier |
| | particle) |
| 527.16 | .Specified shape of support |
| | particle (e.g., hollow-carrier |
| | particle) |
| 527.17 | |
| | area of elongated support |
| | particles (e.g., tape, with area of cross section stated) |
| 527.18 | , |
| 527.18 | MONOLITH WITH SPECIFIED GAS FLOW PATTERNS (E.G., TURBULENT FLOW |
| | MONOLITH) |
| 527.19 | MONOLITH WITH SPECIFIED SHAPE OR |
| 327.13 | DIMENSION OF CELL OPENING |
| | (E.G., HONEYCOMB, RINGS, ETC.) |
| 527.2 | .Cell opening shape and |
| | dimensions are determined by |
| | the intersection of the woof |
| | and the warp of a woven |
| | structure (e.g., of a fabric |
| | or gauze, etc.) |
| 527.21 | .Cell openings are quadrilateral |
| | or triangular (e.g., pie |
| FOE 00 | shaped) |
| 527.22 | .Cell openings are spiral or |
| E07 00 | corrugated |
| 527.23 | SPECIFIED EXTERNAL OR INTERNAL |
| | SHAPE OR CONFIGURATION OF CATALYST REACTOR OR OF SORBENT |
| | CONVERTER |
| 527.24 | PECULIAR STRUCTURE OR PHYSICAL |
| 22. • 2 1 | FORM (E.G., FOAM, SPONGE, |
| | FOIL, SACK, BAG, FIBER IN A |
| | MATRIX, MONOLITH, |
| | MICROSTRUCTURE |
| | (MICROCRACKING), |
| | |

MICROAGGREGATES, ETC.)

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

502 - 8 $\,$ CLASS 502 CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING