

**CPC****COOPERATIVE PATENT CLASSIFICATION****A47J**

**KITCHEN EQUIPMENT** {( domestic washing or cleaning [A47L](#); refuse receptacles [B65F 1/00](#) )}; **COFFEE MILLS; SPICE MILLS; APPARATUS FOR MAKING BEVERAGES** ( disintegrating, e.g. mincing, [B02C](#); severing, e.g. cutting, slicing, [B26B](#), [B26D](#) )

**A47J 9/00**

**Apparatus or utensils for shaping { or dispensing portions of } butter or the like** ( for use in dairies [A01J 19/00](#), [A01J 21/00](#), { [A01J 23/00](#) }; moulding plastic material in general [B29C](#) )

**A47J 9/001**

- . { and spreading them on other food items, e.g. bread slices ( for corn cob holders [A47G 19/303](#); butter spreading table ware [A47G 21/005](#) ) }

**A47J 9/002**

- . { by forming, e.g. peeling off or extruding, curls or rings }

**A47J 9/003**

- . { by slicing slabs or prints into pats }

**A47J 9/005**

- .. { combined with extrusion or molding }

**A47J 9/006**

- .. { with automatic feeding mechanism }

**A47J 9/007**

- . { by molding }

**A47J 17/00**

**Household peeling, stringing, or paring implements or machines** ( for foodstuffs in bulk [A23N](#) )

**A47J 17/02**

- . Hand devices for scraping or peeling vegetables or the like

**A47J 17/04**

- .. Citrus fruit peelers

**A47J 17/06**

- . Devices for stringing beans

**A47J 17/08**

- . Asparagus peelers

**A47J 17/10**

- . Vegetable or fruit grippers or holders for use while peeling

**A47J 17/14**

- . Machines for peeling ( universal kitchen machines [A47J 43/04](#) )

**A47J 17/16**

- .. Peeling machines with rotary fruit-holding spindles and fixed or movable peeler blades

**A47J 17/18**

- .. with scraping discs or rotors

**A47J 17/20**

- .. with brushes

**A47J 19/00**

**Household machines for straining foodstuffs; Household implements for mashing or straining foodstuffs** ( for foodstuffs in bulk [A23N](#) )

**A47J 19/005**

- . { Hand devices for straining foodstuffs }

**A47J 19/02**

- . Citrus fruit squeezers; Other fruit juice extracting devices

**A47J 19/022**

- .. { Hand devices }

- A47J 19/025 . . . { with a pressing screw }
- A47J 19/027 . . { Centrifugal extractors }
- A47J 19/04 . Household implements for mashing potatoes or other foodstuffs
- A47J 19/06 . Juice presses for vegetables
- A47J 21/00** **Devices for removing stalks from fruit ( machines [A23N 15/02](#) )**
- A47J 23/00** **Devices for stoning fruit ( machines for stoning fruit in bulk [A23N 3/00](#), [A23N 4/00](#) )**
- A47J 25/00** **Devices for coring fruit ( machines for coring fruit in bulk [A23N 3/00](#), [A23N 4/12](#) )**
- Guidance heading: Cooking; Apparatus for making beverages**
- A47J 27/00** **Cooking-vessels ( [A47J 29/00](#) to [A47J 33/00](#) takes precedence )**
- A47J 27/002 . { Construction of cooking-vessels ( with enlarged bottom [A47J 27/022](#), made of specific materials [A47J 36/02](#) ); Methods or processes of manufacturing specially adapted for cooking-vessels ( making cooking pots by processing sheet metal or metal tubes, rods or profiles without removing material [B21D 51/22](#) ) }
- A47J 27/004 . { with integral electrical heating means ( drinking cups with integral heating means [A47J 36/2466](#) ) }
- A47J 27/02 . with enlarged heating surfaces
- A47J 27/022 . . with enlarged bottom
- A47J 27/024 . . with liquid-heating tubes extending outside the vessel
- A47J 27/026 . . with conduits through the vessel for circulating heating gases
- A47J 27/04 . for cooking food in steam; Devices for extracting fruit juice by means of steam; { Vacuum cooking vessels ( steam-heated vessels for hotels, restaurants or canteens [A47J 27/16](#) ) }
- A47J 27/05 . . Tier steam-cookers, i.e. with steam-tight joints between cooking-vessels stacked while in use ( { tier pressure-cookers [A47J 27/084](#) }; tier cooking-vessels in general [A47J 27/13](#) )
- A47J 27/06 . Steam-heated kettles for domestic use ( { cooking-vessels with water-bath [A47J 27/10](#); cooking-vessels with steam jacket for hotels, restaurants or canteens [A47J 27/17](#); milk-boiling vessels with water or steam jacket [A47J 27/57](#) ) }
- A47J 27/08 . Pressure-cookers; Lids or locking devices specially adapted therefor
- A47J 27/0802 . . { Control mechanisms for pressure-cookers }
- A47J 27/0804 . . { Locking devices }
- A47J 27/0806 . . . { of the bayonet-type }
- A47J 27/0808 . . . { of the bridge-type }
- A47J 27/0811 . . . { using a number of pivotable clamps along the circumference of the

- cooking-vessel }
- A47J 27/0813 . . . { using a clamping ring or clamping segments }
- A47J 27/0815 . . . { where vessel and lid have adapted shapes to provide for the locking action }
- A47J 27/0817 . . { Large-capacity pressure cookers; Pressure fryers ( cooking-vessels heated by steam [A47J 27/16](#) ) }
- A47J 27/082 . . with inserts for cooking different foods separately at the same time; Inserts therefor ( inserts for cooking vessels in general [A47J 36/16](#) )
- A47J 27/084 . . with adjustable volume; Tier pressure-cookers { ( tier steam-cookers [A47J 27/05](#); tier cooking-vessels in general [A47J 27/13](#) ) }
- A47J 27/086 . . with built-in heating means ( adaptations of automatic switches for the heating means [A47J 27/62](#) )
- A47J 27/088 . . adapted to high-frequency heating
- A47J 27/09 . . Safety devices { including the pressure indicators }
- A47J 27/092 . . . Devices for automatically releasing pressure before opening
- A47J 27/10 . . Cooking-vessels with water-bath arrangements for domestic use { ( milk-boilers with water-bath [A47J 27/575](#) ) }
- A47J 27/12 . . Multiple-unit cooking vessels { ( carriers for prepared food [A47J 47/14](#) ) }
- A47J 27/122 . . with adaptation of shape to that of adjacent vessels for forming a unit, e.g. sector-shaped
- A47J 27/13 . . Tier cooking-vessels { Cooking-vessels with adjustable volume; Cooking-vessels with lids or covers which may be used as a cooking vessel ( tier steam-cookers with steam-tight joints between stacked vessels [A47J 27/05](#); tier pressure-cookers [A47J 27/084](#) ) }
- A47J 27/14 . . Cooking-vessels for use in hotels, restaurants, or canteens
- A47J 27/16 . . heated by steam
- A47J 27/17 . . . with steam jacket
- A47J 27/18 . . heated by water-bath, { e.g. pasta-cookers }
- A47J 27/20 . . Ham-boilers
- A47J 27/21 . . Water-boiling vessels, e.g. kettles { ( for coffee-making machines [A47J 31/54](#) ) }
- A47J 27/21008 . . { electrically heated }
- A47J 27/21016 . . . { with heating elements immersed in the water ( [A47J 27/2105](#) takes precedence ) }
- A47J 27/21025 . . . . { the heating elements being electrodes }
- A47J 27/21033 . . . . { with removable heating elements }
- A47J 27/21041 . . . { with heating elements arranged outside the water vessel ( [A47J 27/2105](#) takes precedence ) }
- A47J 27/2105 . . . { of the cordless type, i.e. whereby the water vessel can be plugged into an electrically-powered base element }
- A47J 27/21058 . . . { Control devices to avoid overheating, i.e. "dry" boiling, or to detect boiling of the water ( [A47J 27/21158](#) takes precedence ) }
- A47J 27/21066 . . . . { Details concerning the mounting thereof in or on the water boiling vessel }
- A47J 27/21075 . . . . . { relating to the boiling sensor or to the channels conducting the steam thereto }

- A47J 27/21083 . . . . { with variable operating parameters, e.g. temperature or boiling period }
- A47J 27/21091 . . . . { of electronic type }
- A47J 27/211 . . . . { using a thermomagnetic material }
- A47J 27/21108 . . . . { using a bimetallic element }
- A47J 27/21116 . . . . . { specially adapted for detecting boiling of the water ( [A47J 27/21125](#) takes precedence ) }
- A47J 27/21125 . . . . . { the bimetallic element being a snapping disc }
- A47J 27/21133 . . . . { using a fusible material or a shape memory effect (SME) material }
- A47J 27/21141 . . . . { based on the weight of the water vessel }
- A47J 27/2115 . . . . { using a float }
- A47J 27/21158 . . . { Devices to detect overheating or boiling with a single control element or unit }
- A47J 27/21166 . . { Constructional details or accessories ( for coffee makers or the like [A47J 31/44](#); for cooking vessels in general [A47J 36/00](#) ) }
- A47J 27/21175 . . . { Covers }
- A47J 27/21183 . . . { Water filters ( water filters for coffee machines [A47J 31/605](#) ) }
- A47J 27/21191 . . . { Pouring spouts }
- A47J 27/212 . . with signalling means, e.g. whistling kettles ( signalling milk-boiling vessels [A47J 27/57](#) )
- A47J 27/56 . Preventing boiling over, e.g. of milk ( appliances for preventing or destroying foam in dairy apparatus for treating milk [A01J 11/02](#); preventing foaming in boiling in general [B01B 1/02](#) )
- A47J 27/57 . . Milk-boiling vessels with water or steam jackets, e.g. with signalling means { ( cooking-vessels with steam jackets [A47J 27/06](#), [A47J 27/17](#); whistling kettles [A47J 27/212](#) ) }
- A47J 27/575 . . . { Milk-boiling vessels with water-bath ( cooking- vessels with water-bath [A47J 27/10](#), [A47J 27/18](#) ) }
- A47J 27/58 . . Cooking utensils with channels or covers collecting overflowing liquid
- A47J 27/60 . . Funnel-like inserts; Grooved plates to be placed on the bottom of cooking utensils
- A47J 27/62 . . by devices for automatically controlling the heat supply by switching off heaters or for automatically lifting the cooking-vessels { ( heat supply regulation in beverage-making machines [A47J 31/047](#); timing devices for beverage-making machines [A47J 31/52](#) ) }
- A47J 27/64 . . . for automatically lifting the cooking-vessels ( devices for automatically lifting eggs from boiling water [A47J 29/04](#) )
- A47J 29/00** **Egg-cookers**
- A47J 29/02 . for eggs or poached eggs; Time-controlled cookers { ( coffee-makers [A47J 31/52](#); controlled igniting means in cooking-vessels [A47J 36/32](#); bread-toasters [A47J 37/0814](#) ) }
- A47J 29/04 . . Cookers for eggs with devices for automatically lifting the eggs from the boiling water { ( devices for automatically lifting cooking-vessels [A47J 27/64](#) ) }
- A47J 29/06 . Grasping devices for eggs; Supporting devices for eggs during boiling { ( [A47J 29/04](#) takes precedence; holding or clamping devices for fowl, venison or other meat or vegetables during cooking or cutting [A47J 43/18](#) ) }
- A47J 31/00** **Apparatus for making beverages ( household machines or implements for straining**

foodstuffs [A47J 19/00](#); preparation of non-alcoholic beverages, e.g. by adding ingredients to fruit or vegetable juices, [A23L 2/00](#); coffee or tea pots [A47G 19/14](#); tea infusers [A47G 19/16](#); dispensing beverages on draught [B67D 1/00](#); brewing of beer [C12C](#); preparation of wine or other alcoholic beverages [C12G](#) )

- [A47J 31/002](#) . { following a specific operational sequence, e.g. for improving the taste of the extraction product }
- [A47J 31/005](#) . { Portable or compact beverage making apparatus, e.g. for travelling, for use in automotive vehicles }
- [A47J 31/007](#) . { for brewing on a large scale, e.g. for restaurants, or for use with more than one brewing container }
- [A47J 31/02](#) . Coffee-making machines with removable extraction cups, to be placed on top of drinking-vessels, { i.e. coffee-makers with removable brewing vessels, to be placed on top of beverage containers, into which hot water is poured, } e.g. cafe filtre ( filters [A47J 31/06](#); { with integral heating means [A47J 31/10](#) } )
- [A47J 31/04](#) . Coffee-making apparatus with rising pipes { ( pressure coffee-makers [A47J 31/24](#) ) }
- [A47J 31/043](#) . . Vacuum-type coffee-making apparatus with rising pipes in which hot water is passed to the upper bowl in which the ground coffee is placed and subsequently the heat source is cut-off and the water is sucked through the filter by the vacuum in the lower bowl
- [A47J 31/047](#) . . . with automatic cut-off of heat supply
- [A47J 31/053](#) . . with repeated circulation of the extract through the filter
- [A47J 31/057](#) . . with water container separated from beverage container, the hot water passing the filter only once, { i.e. classical type of drip coffee makers ( drip coffee makers only functioning with the water heating container in a higher position than the brewing vessel [A47J 31/10](#) ) }
- [A47J 31/0573](#) . . . { with flow through heaters ( flow through heaters as part of a water boiling vessel in a beverage making machine [A47J 31/542](#) ) }
- [A47J 31/0576](#) . . . { with a sealed water boiling vessel in which the steam pressure urges the hot water through a rising pipe ( with brewing vessel adapted for extraction under pressure [A47J 31/30](#) ) }
- [A47J 31/06](#) . Filters or strainers for coffee or tea makers; { Holders therefor }
- [A47J 31/0605](#) . . { with a valve at the filter-outlet; Anti-drip devices ( [A47J 31/0615](#), [A47J 31/0621](#) take precedence ) }
- [A47J 31/061](#) . . . { activated by the beverage container }
- [A47J 31/0615](#) . . { with special arrangements for making tea or the like, e.g. where the infusion liquid is kept a certain time in the filter before flowing out }
- [A47J 31/0621](#) . . { with means for varying the infusion outflow velocity, e.g. for brewing smaller quantities }
- [A47J 31/0626](#) . . { with means for securing the filter holder to the beverage container }
- [A47J 31/0631](#) . . { with means for better or quicker spreading the infusion liquid over the filter ( spreader plates for drip coffee makers [A47J 31/4478](#) ) }
- [A47J 31/0636](#) . . { suspended from the top of the beverage container so as to remain in contact with the prepared infusion ( tea eggs [A47G 19/16](#) ) }
- [A47J 31/0642](#) . . { specially adapted to cooperate with a cartridge, e.g. having grooves or

- protrusions to separate cartridge from the bottom of the brewing chamber  
( [A47J 31/0668](#) takes precedence )}
- [A47J 31/0647](#) . . { with means to adjust the brewing chamber volume to accommodate different quantities of brewing material }
- [A47J 31/0652](#) . . { with means to by-pass a quantity of water, e.g. to adjust beverage strength }
- [A47J 31/0657](#) . . { for brewing coffee under pressure, e.g. for espresso machines }
- [A47J 31/0663](#) . . . { to be used with loose coffee ( [A47J 31/0689](#) takes precedence )}
- [A47J 31/0668](#) . . . { specially adapted for cartridges }
- [A47J 31/0673](#) . . . . { Means to perforate the cartridge for creating the beverage outlet }
- [A47J 31/0678](#) . . . . { Means to separate the cartridge from the bottom of the brewing chamber, e.g. grooves or protrusions }
- [A47J 31/0684](#) . . . { Sealing means for sealing the filter holder to the brewing head }
- [A47J 31/0689](#) . . . { Reusable cartridges suitable to be opened for being filled with brewing material and to be closed to envelope the brewing material therein ( disposable cartridges to be filled by the user with brewing material [A47J 31/08](#); disposable cartridges already filled with brewing material [B65D 85/804B](#) )}
- [A47J 31/08](#) . . Paper filter inlays therefor { to be disposed after use }
- [A47J 31/085](#) . . . { to be used for brewing coffee under pressure, e.g. for espresso machines }
- [A47J 31/10](#) . Coffee-making apparatus, in which the brewing vessel, { i.e. water heating container, } is placed above or in the upper part of the beverage containers; { i.e. brewing vessel }; Drip coffee-makers { with the water heating container in a higher position than the brewing vessel ( without integral heating means [A47J 31/02](#), with hot water transport by rising pipes [A47J 31/057](#) ) }
- [A47J 31/103](#) . . { with a siphon in the water heating container }
- [A47J 31/106](#) . . { with a valve at the water heating container outlet }
- [A47J 31/12](#) . . in which the vapour from the boiling water is raised above the filter and after condensing passes through the filter
- [A47J 31/14](#) . Coffee or tea-making apparatus with filters placed in or behind pouring spouts
- [A47J 31/16](#) . Inverting coffee-making apparatus in which water is boiled in the lower part and the apparatus is subsequently inverted to pass the water through the filter
- [A47J 31/18](#) . Apparatus in which ground coffee or tea-leaves are immersed in the hot liquid in the beverage container ( infusing bags [A47G 19/16](#) )
- [A47J 31/20](#) . . having immersible, e.g. rotatable, filters
- [A47J 31/22](#) . Centrifuges for producing filtered coffee ( [A47J 31/20](#) takes precedence )
- [A47J 31/24](#) . Coffee-making apparatus in which hot water is passed through the filter under pressure, { i.e. in which the coffee grounds are extracted under pressure } ( [A47J 31/043](#) { and [A47J 31/40](#) } take precedence )
- [A47J 31/30](#) . . with hot water under steam pressure
- [A47J 31/303](#) . . . { classical type of espresso apparatus, e.g. to put on a stove, i.e. in which the water is heated in a lower, sealed boiling vessel, raised by the steam pressure through a rising pipe and an extraction chamber and subsequently is collected in a beverage container on top of the water boiling vessel }
- [A47J 31/306](#) . . . . { with integral electrical heating means }
- [A47J 31/32](#) . . with hot water under air pressure

- A47J 31/34      ..      with hot water under liquid pressure
- A47J 31/36      ...      with mechanical pressure-producing means
- A47J 31/3604      ....      { with a mechanism arranged to move the brewing chamber between loading, infusing and ejecting stations }
- A47J 31/3609      .....      { Loose coffee being employed ( with a filtering tape [A47J 31/3652](#) ) }
- A47J 31/3614      .....      { Means to perform transfer from a loading position to an infusing position }
- A47J 31/3619      .....      { Means to remove coffee after brewing }
- A47J 31/3623      .....      { Cartridges being employed ( with tape of cartridges [A47J 31/3652](#) ) }
- A47J 31/3628      .....      { Perforating means therefor }
- A47J 31/3633      .....      { Means to perform transfer from a loading position to an infusing position }
- A47J 31/3638      .....      { Means to eject the cartridge after brewing }
- A47J 31/3642      .....      { Cartridge magazines therefor }
- A47J 31/3647      .....      { a tape being employed }
- A47J 31/3652      .....      { the tape including only filtering means, i.e. not including brewing material }
- A47J 31/3657      .....      { the tape including permeable cartridges }
- A47J 31/3661      .....      { the tape including impermeable cartridges }
- A47J 31/3666      ....      { whereby the loading of the brewing chamber with the brewing material is performed by the user ( [A47J 31/3604](#) takes precedence ) }
- A47J 31/3671      .....      { Loose coffee being employed }
- A47J 31/3676      .....      { Cartridges being employed }
- A47J 31/368      .....      { Permeable cartridges being employed }
- A47J 31/3685      .....      { Brewing heads therefor }
- A47J 31/369      .....      { Impermeable cartridges being employed }
- A47J 31/3695      .....      { Cartridge perforating means for creating the hot water inlet ( cartridge perforating means of the filter holder for creating the beverage outlet [A47J 31/0673](#) ) }
- A47J 31/38      ....      operated by hand
- A47J 31/40      .      Beverage-making apparatus with dispensing means for adding a measured quantity of ingredients, e.g. coffee, water, sugar, cocoa, milk, tea
- A47J 31/401      ..      { whereby the powder ingredients and the water are delivered to a mixing bowl }
- A47J 31/402      ..      { Liquid dosing devices }
- A47J 31/404      ..      { Powder dosing devices }
- A47J 31/405      ..      { with one or more infusion chambers moving successively between loading, infusing and dumping stations }
- A47J 31/407      ..      { with ingredient-containing cartridges; Cartridge-perforating means }
- A47J 31/408      ..      { with means for moving a filter in the form of a tape ( coffee or tea filters per se [A47J 31/06](#) ) }
- A47J 31/41      ..      of liquid ingredients
- A47J 31/42      .      Beverage-making apparatus with incorporated grinding or roasting means for coffee { ( coffee mills [A47J 42/00](#); coffee roasters in general [A23N 12/08](#) ) }
- A47J 31/44      .      Parts or details { or accessories } of beverage-making apparatus ( filters or strainers



A47J 31/06 )

- A47J 31/4403    ..    { Constructional details }
- A47J 31/4407    ...    { Lids, covers or knobs }
- A47J 31/441    ...    { Warming devices or supports for beverage containers ( warming devices not being part of the beverage-making apparatus [A47J 36/24](#); stands or holders for beverage containers not being part of the beverage-making apparatus [A47J 47/16](#) ) }
- A47J 31/4414    ....    { Supports for empty beverage containers while not in use, e.g. for storing extra jug or cups }
- A47J 31/4417    .....    { with heating means for pre-heating the empty beverage containers, e.g. cup-warmers }
- A47J 31/4421    .....    { Heated support plates }
- A47J 31/4425    ....    { Supports for beverage containers when filled or while being filled ( supports allowing to adapt the beverage making apparatus to the size of the beverage container [A47J 31/4482](#) ) }
- A47J 31/4428    .....    { with a drip-tray underneath }
- A47J 31/4432    .....    { with means for keeping the beverage warm ( urns with devices for keeping beverages hot or cool [A47J 31/50](#) ) }
- A47J 31/4435    .....    { Heated support plates }
- A47J 31/4439    .....    { with electrical heating elements ( for flow-through heaters [A47J 31/445](#) ) }
- A47J 31/4442    .....    { in combination with a continuous-flow heater for the water ( continuous-flow heaters per se [A47J 31/542](#) ) }
- A47J 31/4446    .....    { microwaves being used for the flow-through heater }
- A47J 31/445    .....    { an electrical heating element being used for the flow-through heater }
- A47J 31/4453    .....    { interposed between means for keeping the beverage warm and the beverage container, e.g. spacers for raising the beverage container from the heated support plate in order to reduce heat transfer }
- A47J 31/4457    ...    { Water-level indicators ( water-level controls [A47J 31/56](#) ) }
- A47J 31/446    ...    { Filter holding means; Attachment of filters to beverage-making apparatus }
- A47J 31/4464    ....    { by means of bayonet-type engagement }
- A47J 31/4467    ....    { by means of linear guides, e.g. drawer-type engagement }
- A47J 31/4471    ....    { by means of a hinge }
- A47J 31/4475    ...    { Hot water outlets for drip coffee makers }
- A47J 31/4478    ....    { Spreader plates ( as an accessory of the filter [A47J 31/0631](#) ) }
- A47J 31/4482    ..    { Details allowing to adapt the beverage-making apparatus to the size of the brewing vessel or the beverage container, e.g. with adjustable support for the beverage container or adjustable hot water outlet }
- A47J 31/4485    ..    { Nozzles dispensing heated and foamed milk, i.e. milk is sucked from a milk container, heated and foamed inside the device, and subsequently dispensed from the nozzle }
- A47J 31/4489    ..    { Steam nozzles, e.g. for introducing into a milk container to heat and foam milk }
- A47J 31/4492    ..    { Means to read code provided on ingredient pod or cartridge }
- A47J 31/4496    ..    { Means to produce beverage with a layer on top, e.g. of cream, foam or froth }
- A47J 31/46    ..    Dispensing spouts, pumps, drain valves or like liquid transporting devices
- A47J 31/462    ...    { with an intermediate liquid storage tank }



- A47J 31/465 . . . . { for the heated water }
- A47J 31/467 . . . . { for the infusion }
- A47J 31/48 . . Clips, rings, hooks, or like devices to support filter parts while not in use
- A47J 31/50 . . Urns with devices for keeping beverages hot or cool { ( devices for warming-up drink-containers not being a part of the beverage-making apparatus [A47J 36/24](#); thermally-insulated vessels [A47J 41/00](#) ) }
- A47J 31/505 . . . { with heat-supply regulation }
- A47J 31/52 . . Alarm-clock-controlled mechanisms for coffee or tea making apparatus { or timers without an alarm-device ( water-level controls [A47J 31/56](#); safety devices [A47J 31/58](#) ) }
- A47J 31/54 . . Water boiling vessels { in beverage making machines ( as an independent water-boiling vessel [A47J 27/21](#) ) }
- A47J 31/542 . . . { Continuous-flow heaters }
- A47J 31/545 . . . . { Control or safety devices }
- A47J 31/547 . . . { using microwave energy for heating the water }
- A47J 31/56 . . . having water-level controls; having temperature controls
- A47J 31/58 . . Safety devices
- A47J 31/60 . . Cleaning devices
- A47J 31/605 . . . { Water filters }
  
- A47J 33/00** **Camp cooking devices without integral heating means** ( travelling cookers with one burner [A47J 36/26](#); other travelling cookers heated by petroleum, gasoline, spirit, or the like [F24C](#) )
  
- A47J 36/00** **Parts, details or accessories of cooking-vessels** ( [A47J 27/00](#) to [A47J 33/00](#) take precedence insofar as these parts, details or accessories are restricted to a particular kind of cooking-vessel provided for in a single one of these groups; heating devices for cooking-vessels in general [F24](#) )
  
- A47J 36/02 . Selection of specific materials, e.g. heavy bottoms with copper inlay or with insulating inlay { ( Processes for applying fluoropolymers to obtain an anti-adhesive surface [B05D 5/083](#) ) }
- A47J 36/022 . . { Cooking- or baking-vessels or supports thereof for using only once ( eating- or serving-plates for using only once [A47G 19/02](#); heat-resistant food-packages [B65D 81/34](#) ) }
- A47J 36/025 . . { Vessels with non-stick features, e.g. coatings }
- A47J 36/027 . . { Cooking- or baking-vessels specially adapted for use in microwave ovens; Accessories therefor }
- A47J 36/04 . . the materials being non-metallic
  
- A47J 36/06 . Lids or covers for cooking-vessels ( specially adapted for pressure-cookers [A47J 27/08](#) ) { preventing boiling over of milk [A47J 27/56](#); for draining liquids from cooking-vessels [A47J 36/08](#); lids for frying-pans [A47J 37/101](#); for deep fat fryers [A47J 37/128](#) }
- A47J 36/08 . . for draining liquids from vessels
- A47J 36/10 . . Lid-locking devices
- A47J 36/12 . . Devices for holding lids in open position on the container
  
- A47J 36/14 . Pouring-spouts, e.g. as parts separate from vessel ( spouts in general [B05B 1/22](#) )

- A47J 36/16 . Inserts {( for preventing boiling over of milk [A47J 27/60](#); for frying pans [A47J 37/108](#) )}
- A47J 36/165 .. { Stirring devices operatively connected to cooking vessels when being removably inserted inside ( mixing, whipping, or beating devices [A47J 43/00](#) )}
- A47J 36/18 .. Boilers or utensils with sieves inserted therein, e.g. potato-cookers {( perforated supports [A47J 36/20](#); basting devices in frying-pans [A47J 37/106](#) )}
- A47J 36/20 .. Perforated bases or perforated containers to be placed inside a cooking utensil; { Draining baskets, inserts with separation wall }
- A47J 36/22 ... Wire inserts ( for deep fat fryers [A47J 37/12](#) )
- A47J 36/24 . Warming devices
- A47J 36/2405 .. { for warming food contained in vessels immersed in a water bath, e.g. chafers or steam tables ( [A47J 36/2438](#) takes precedence )}
- A47J 36/2411 .. { Baby bottle warmers; Devices for warming baby food in jars }
- A47J 36/2416 ... { with a heat storage element or material }
- A47J 36/2422 ... { using solid fuel }
- A47J 36/2427 ... { with a burner, e.g. using gasolene }
- A47J 36/2433 ... { with electrical heating means }
- A47J 36/2438 .... { for warming a water-bath or -jacket }
- A47J 36/2444 .. { Drinking cups with heating means ( drinking vessels with means for keeping liquid hot without integral heating means [A47G 19/2288](#) )}
- A47J 36/245 ... { using solid fuel }
- A47J 36/2455 ... { with a burner, e.g. using gasolene }
- A47J 36/2461 ... { with electrical heating means }
- A47J 36/2466 .... { with integral heating means }
- A47J 36/2472 ..... { of the cordless type, i.e. whereby the cup can be plugged into an electrically-powered base element }
- A47J 36/2477 .. { using solid fuel, e.g. with candles ( baby bottle warmers [A47J 36/2422](#), drinking cups [A47J 36/245](#) )}
- A47J 36/2483 .. { with electrical heating means ( baby bottle warmers [A47J 36/2433](#), drinking cups [A47J 36/2461](#) )}
- A47J 36/2488 ... { having infrared radiating elements }
- A47J 36/2494 .. { using heat storage elements or materials, e.g. lava stones }
- A47J 36/26 .. Devices for warming vessels containing drinks or food, especially by means of burners; { Warming devices with a burner, e.g. using gasolene }; Travelling cookers, e.g. using petroleum or gasolene with one burner {( baby bottle warmers [A47J 36/2411](#), drinking cups [A47J 36/2444](#), using solid fuel [A47J 36/2477](#), with electrical heating means [A47J 36/2483](#) )}
- A47J 36/28 .. Warming devices generating the heat by exothermic reactions, e.g. heat released by the contact of unslaked lime with water {( Packages having self-contained heating means generating heat by an exothermic reaction [B65D 81/3484](#), materials for producing heat by chemical reactions [C09K 5/16](#) )}
- A47J 36/30 .. Devices for warming by making use of burning cartridges or other chemical substances
- A47J 36/32 . Time-controlled igniting mechanisms or alarm devices {( in egg-cookers [A47J 29/02](#); in coffee-makers [A47J 31/52](#); bread-toasters [A47J 37/0814](#) )}
- A47J 36/34 . Supports for cooking vessels {( for kitchen utensils [A47J 47/16](#) )}

- A47J 36/36 . Shields or jackets for cooking utensils minimising the radiation of heat, fastened or movably mounted
- A47J 36/38 . for withdrawing or condensing cooking vapours from cooking utensils ( [removing cooking fumes from domestic stoves or ranges F24C 15/20](#) )
- A47J 36/40 . Leak-stopping devices for repairing cooking-vessels
- A47J 36/42 . Devices to prevent deposition of scale, i.e. fur, or the like
- A47J 37/00** **Baking; Roasting; Grilling; Frying** ( [bakers` ovens, non-domestic baking apparatus or equipment A21B](#); [domestic stoves or ranges F24B, F24C](#) )
- A47J 37/01 . Vessels uniquely adapted for baking ( [for use in baker`s ovens A21B](#) )
- A47J 37/015 .. { [electrically heated](#) }
- A47J 37/04 . Roasting apparatus with movably-mounted food supports or with movable heating implements; Spits ( [field-cookers A47J 33/00, A47J 36/26, F24B](#) )
- A47J 37/041 .. { [with food supports rotating about a horizontal axis \( \[A47J 37/042\]\(#\) takes precedence \)](#) }
- A47J 37/042 .. { [with food supports arranged on wheels or spiders rotating about a horizontal axis](#) }
- A47J 37/043 .. { [with food supports rotating about a vertical axis](#) }
- A47J 37/044 .. { [with conveyers moving in a horizontal or an inclined plane \( \[A47J 37/045, A47J 37/046\]\(#\) take precedence \)](#) }
- A47J 37/045 .. { [with endless conveyers](#) }
- A47J 37/046 .. { [with horizontal turntables](#) }
- A47J 37/047 .. { [with rotating drums or baskets](#) }
- A47J 37/048 .. { [Sausage grills with rotating rollers](#) }
- A47J 37/049 .. { [Details of the food supports not specially adapted to one of the preceding types of food supports](#) }
- A47J 37/06 . Roasters; Grills; Sandwich grills
- A47J 37/0605 .. { [specially adapted for "raclettes"](#) }
- A47J 37/0611 .. { [the food being cooked between two heating plates, e.g. waffle-irons](#) }
- A47J 37/0623 .. { [Small-size cooking ovens, i.e. defining an at least partially closed cooking cavity \( \[A47J 37/0605\]\(#\) takes precedence; barbecues \[A47J 37/07\]\(#\) \)](#) }
- A47J 37/0629 ... { [with electric heating elements](#) }
- A47J 37/0635 .... { [with reflectors](#) }
- A47J 37/0641 .... { [with forced air circulation](#) }
- A47J 37/0647 ... { [with gas burners](#) }
- A47J 37/0652 .... { [with reflectors](#) }
- A47J 37/0658 ... { [specially adapted for cooking pizza](#) }
- A47J 37/0664 ... { [Accessories](#) }
- A47J 37/067 .. { [Horizontally disposed broiling griddles](#) }
- A47J 37/0676 ... { [electrically heated](#) }

A47J 37/0682	...	{ gas-heated }
A47J 37/0688	..	{ Broilers with vertically disposed heat sources and food supports }
A47J 37/0694	..	{ Broiling racks }
A47J 37/07	..	Roasting devices for outdoor use; Barbecues {( field-cookers <a href="#">A47J 33/00</a> , <a href="#">A47J 36/26</a> )}
A47J 37/0704	...	{ with horizontal fire box }
A47J 37/0709	....	{ with electric heating elements }
A47J 37/0713	....	{ with gas burners }
A47J 37/0718	...	{ with vertical fire box }
A47J 37/0722	....	{ with electric heating elements }
A47J 37/0727	....	{ with gas burners }
A47J 37/0731	...	{ with a fire box movable between different positions, e.g. horizontal, vertical, inclined }
A47J 37/0736	....	{ with electric heating elements }
A47J 37/074	....	{ with gas burners }
A47J 37/0745	...	{ with motor-driven food supports }
A47J 37/075	....	{ steam- or hot air-driven }
A47J 37/0754	...	{ with blowers providing forced air circulation }
A47J 37/0759	...	{ constructed from refractory blocks }
A47J 37/0763	...	{ Small-size, portable barbecues }
A47J 37/0768	....	{ Disposable barbecue packages containing a quantity of fuel, e.g. charcoal }
A47J 37/0772	....	{ for use in a fireplace }
A47J 37/0781	...	{ Barbecue tables, e.g. central grilling areas surrounded by an eating table }
A47J 37/0786	...	{ Accessories }
A47J 37/079	....	{ Charcoal igniting devices }
A47J 37/08	..	Bread-toasters ( electric heating elements <a href="#">H05B</a> )
A47J 37/0807	...	{ with radiating heaters and reflectors }
A47J 37/0814	...	{ with automatic bread ejection or timing means ( <a href="#">A47J 37/0857</a> takes precedence )}
A47J 37/0821	....	{ with mechanical clockwork timers }
A47J 37/0828	....	{ with pneumatic or hydraulic timers }
A47J 37/0835	....	{ with thermal timers }
A47J 37/0842	....	{ with electronic timers }
A47J 37/085	....	{ with means for sensing the bread condition }
A47J 37/0857	...	{ with bread supports or heating means movable during the toasting operation ( meat roasting <a href="#">A47J 37/04</a> )}
A47J 37/0864	...	{ Bun toasters }
A47J 37/0871	...	{ Accessories }
A47J 37/0878	....	{ Warming racks }
A47J 37/0885	....	{ Toaster inserts; Removable bread tongs }
A47J 37/0892	....	{ Devices for providing browning patterns on the toasted surface }
A47J 37/10	.	Frying-pans, including lids or basting devices
A47J 37/101	..	{ Lids }

- A47J 37/103 . . . { Broiling- or heating-lids }
- A47J 37/105 . . { electrically heated }
- A47J 37/106 . . { Basting devices }
- A47J 37/108 . . { Accessories, e.g. inserts, plates to hold food down during frying }
- A47J 37/12 . . Deep fat fryers, including apparatus specially adapted for frying fish {( frying under pressure [A47J 27/0817](#); devices for withdrawing or condensing frying vapours [A47J 36/38](#) )}
- A47J 37/1204 . . { for domestic use }
- A47J 37/1209 . . . { electrically heated }
- A47J 37/1214 . . { the food being transported through an oil-bath ( for bakery products [A21B 5/08](#) )}
- A47J 37/1219 . . { with means for lowering or raising the frying basket }
- A47J 37/1223 . . { with means for filtering the frying liquid }
- A47J 37/1228 . . { Automatic machines for frying and dispensing metered amounts of food }
- A47J 37/1233 . . { the frying liquid being heated outside the frying vessel, e.g. by pumping it through a heat exchanger }
- A47J 37/1238 . . . { and the oil being returned to the frying vessel by means of a spraying system }
- A47J 37/1242 . . { heated with burners }
- A47J 37/1247 . . . { Details of the burners; Details of the channels for guiding the combustion gases }
- A47J 37/1252 . . . { of the pulse combustion type }
- A47J 37/1257 . . { electrically heated ( [A47J 37/1209](#) takes precedence )}
- A47J 37/1261 . . . { Details of the heating elements; Fixation of the heating elements to the frying vessel }
- A47J 37/1266 . . { Control devices, e.g. to control temperature, level or quality of the frying liquid }
- A47J 37/1271 . . { Accessories }
- A47J 37/1276 . . { Constructional details ( [A47J 37/1247](#) and [A47J 37/1261](#) take precedence )}
- A47J 37/128 . . . { Lids or covers }
- A47J 37/1285 . . . { Valves or arrangements to drain used oil or food particles settled at the bottom of the frying vessel }
- A47J 37/129 . . . { Frying vessels }
- A47J 37/1295 . . { Frying baskets or other food holders }

#### **A47J 39/00 Heat-insulated warming chambers; Cupboards with heating arrangements for warming kitchen utensils**

- A47J 39/003 . . { with forced air circulation }
- A47J 39/006 . . { for either storing and preparing or for preparing food on serving trays, e.g. heating, thawing, preserving }
- A47J 39/02 . . Dish-warmers; Devices to keep food hot {( [A47J 39/006](#) takes precedence )}
- A47J 39/025 . . { for warming dishes without food before use }

#### **A47J 41/00 Thermally-insulated vessels, e.g. flasks, jugs, jars ( containers with thermal insulation in general [B65D 81/38](#) )**

- A47J 41/0005 . { comprising a single opening for filling and dispensing provided with a stopper }
- A47J 41/0011 .. { the stopper being completely removed from the opening during dispensing }
- A47J 41/0016 .. { the stopper remaining in the opening and clearing a passage way between stopper and vessel for dispensing }
- A47J 41/0022 ... { the stopper comprising two or more pieces movable relatively to each other for opening or closing the dispensing passage }
- A47J 41/0027 .. { the stopper incorporating a dispensing device, i.e. the fluid being dispensed through the stopper }
- A47J 41/0033 ... { comprising a pumping system }
- A47J 41/0038 . { comprising additional heating or cooling means, i.e. use of thermal energy in addition to stored material }
- A47J 41/0044 .. { comprising heat or cold storing elements or material, i.e. energy transfer within the vessel }
- A47J 41/005 .. { comprising heat or cold producing means, i.e. energy transfer from outside the vessel }
- A47J 41/0055 . { **Constructional details of the elements forming the thermal insulation ( [A47J 41/02](#) takes precedence )** }
- A47J 41/0061 .. { the elements being detachable or the food holding vessel being replaceable }
- A47J 41/0066 .. { Flexible containers or jackets }
- A47J 41/0072 .. { Double walled vessels comprising a single insulating layer between inner and outer walls }
- A47J 41/0077 ... { made of two vessels inserted in each other }
- A47J 41/0083 . { Accessories }
- A47J 41/0088 .. { Inserts; Devices attached to the stopper }
- A47J 41/0094 .. { Indicating means, e.g. for level or temperature }
- A47J 41/02 . Vacuum-jacket vessels, e.g. vacuum bottles
- A47J 41/022 .. { Constructional details of the elements forming vacuum space }
- A47J 41/024 ... { made of glass }
- A47J 41/026 .... { Protective elements therefor, e.g. liner, support or housing }
- A47J 41/028 ... { made of metal }

**A47J 42/00** **Coffee mills; Spice mills** ( as part of universal or multi-purpose machines [A47J 43/04](#), [A47J 44/00](#); grinding or pulverising in general [B02C](#) )

- A47J 42/02 . having grinding cones
- A47J 42/04 .. hand driven
- A47J 42/06 .. mechanically driven
- A47J 42/08 .. Adjusting mechanisms
- A47J 42/10 .. Grinding cones
- A47J 42/12 . having grinding discs
- A47J 42/14 .. hand driven



- A47J 42/16 . . mechanically driven
- A47J 42/18 . . Adjusting mechanisms
- A47J 42/20 . . Grinding discs
- A47J 42/22 . having pulverising beaters or rotary knives
- A47J 42/24 . . hand driven
- A47J 42/26 . . mechanically driven
- A47J 42/28 . . Beaters or knives
- A47J 42/30 . . having perforated container for the ground material; having sieves
- A47J 42/32 . with other grinding or pulverising members
- A47J 42/34 . . hand driven
- A47J 42/36 . . mechanically driven
- A47J 42/38 . Parts or details
- A47J 42/40 . . relating to discharge, receiving container or the like; Bag clamps, e.g. with means for actuating electric switches
- A47J 42/42 . . . Drawers for receiving ground material
- A47J 42/44 . . Automatic starting or stopping devices ( [bag clamps with means for actuating switches A47J 42/40](#) ); Warning devices
- A47J 42/46 . . Driving mechanisms; Coupling to drives
- A47J 42/48 . . Attachment of mills to tables, walls, or the like ( [attachment of household machines in general to tables, walls, or the like A47J 45/02](#) )
- A47J 42/50 . . Supplying devices, e.g. funnels; Supply containers
- A47J 42/52 . . Coffee mills combined with roasting devices ( { [combinations of coffee mills with coffee-making machines A47J 31/42](#); } [coffee-roasting devices per se A23N 12/00](#) )
- A47J 42/54 . . Cooling
- A47J 42/56 . . Safety devices ( { [for food processors A47J 43/075](#) } )

#### **A47J 43/00 Miscellaneous implements for preparing or holding food**

- A47J 43/04 . Machines for domestic use not covered elsewhere, e.g. for grinding, mixing, stirring, kneading, emulsifying, whipping or beating foodstuffs, e.g. power-driven ( [food straining implements A47J 19/00](#); [devices for grating A47J 43/25](#); [multi-purpose machines A47J 44/00](#) )
- A47J 43/042 . . Mechanically-driven liquid shakers ( { [hand-held shakers A47J 43/27](#) } )
- A47J 43/044 . . with tools driven from the top side
- A47J 43/046 . . with tools driven from the bottom side
- A47J 43/0465 . . . { [with magnetic drive](#) }
- A47J 43/06 . . with a plurality of interchangeable working units, { [e.g. with a single driving-unit](#) }
- A47J 43/07 . . Parts or details, e.g. mixing tools, whipping tools
- A47J 43/0705 . . . { [for machines with tools driven from the upper side \( \[A47J 43/0727 to A47J 43/08 take precedence\]\(#\) \)](#) }
- A47J 43/0711 . . . . { [mixing, whipping or cutting tools](#) }

A47J 43/0716	...	{ for machines with tools driven from the lower side ( <a href="#">A47J 43/0727</a> to <a href="#">A47J 43/08</a> take precedence ) }
A47J 43/0722	....	{ Mixing, whipping or cutting tools }
A47J 43/0727	...	{ Mixing bowls }
A47J 43/075	...	{ Safety devices }
<b><u>WARNING</u></b>		
Not complete, see also <a href="#">A47J 42/56</a> , <a href="#">A47J 43/07</a>		
A47J 43/0755	....	{ for machines with tools driven from the upper side }
<b><u>WARNING</u></b>		
Not complete, see also <a href="#">A47J 43/0705</a>		
A47J 43/0761	....	{ for machines with tools driven from the lower side }
<b><u>WARNING</u></b>		
Not complete, see also <a href="#">A47J 43/0716</a>		
A47J 43/0766	.....	{ activated by the proper positioning of the mixing bowl }
A47J 43/0772	.....	{ activated by the proper positioning of the cover }
A47J 43/0777	.....	{ in which the activating element on the cover transmits a signal to a safety device in the base element via the mixing bowl removably seated on this base element, e.g. pin on the cover moves a pushrod in the bowl handle to operate safety switch in the base element }
A47J 43/0783	.....	{ activated by the proper positioning of a separate food chute on the cover }N04
A47J 43/0788	.....	{ activated by the proper positioning of a food chute protector }
A47J 43/0794	.....	{ in which operation is not possible without the use of a food pusher }N04
A47J 43/08	...	Driving mechanisms
A47J 43/082	....	{ for machines with tools driven from the upper side ( <a href="#">A47J 43/087</a> , <a href="#">A47J 43/09</a> take precedence ) }
A47J 43/085	....	{ for machines with tools driven from the lower side ( <a href="#">A47J 43/087</a> , <a href="#">A47J 43/09</a> take precedence ) }
A47J 43/087	....	{ for machines with several driving units ( <a href="#">A47J 43/09</a> takes precedence ) }
A47J 43/09	....	with fluid drive, e.g. by jets
A47J 43/10	.	Egg-whisks; Cream-beaters, i.e. hand implements { or hand-driven devices }
A47J 43/1006	..	{ Hand-driven mixing devices with rotating tools, e.g. sticking out from the bottom of the mixing receptacle; with rotating bowls; with an additional function }
A47J 43/1012	...	{ the mixing device being fitted on a post beside the mixing receptacle }
A47J 43/1018	...	{ the mixing device being fitted on the cover of, or directly on, the stationary mixing receptacle }
A47J 43/1025	....	{ with gears between the drive axis and the driven axis, e.g. for planetary motion of tools or for coaxial tools }
A47J 43/1031	...	{ the mixing device being provided with a grip to be held by one hand, the other hand being used for driving the mixing device ( <a href="#">A47J 43/105</a> , <a href="#">A47J 43/1056</a> take precedence ) }

- A47J 43/1037 . . . . { with two or more mixing tools }
- A47J 43/1043 . . . . . { with coaxial tools }
- A47J 43/105 . . . { the rotating tools being driven by a reciprocating member, e.g. by a rack-and-pinion mechanism or by a tangentially-pulled rope }
- A47J 43/1056 . . . { the tools rotating about a horizontal or inclined axis }
- A47J 43/1062 . . . { the mixing devices being provided with an additional liquid receptacle, e.g. for adding oil during mixing }
- A47J 43/1068 . . . { Construction of the rotating mixing tools }
- A47J 43/1075 . . { Hand-driven mixing devices with reciprocating or oscillating tools }
- A47J 43/1081 . . . { with rectilinearly reciprocating tools }
- A47J 43/1087 . . { Whisks or similar tools comprising mixing wires }
- A47J 43/1093 . . . { the wires being of the closed-loop type mounted at the end of a shaft }
  
- A47J 43/12 . . Whipping by introducing a stream of gas {( milk-foaming devices adapted to coffee-making machines [A47J 31/4485](#), [A47J 31/4489](#); aerating or deaerating milk [A01J 11/04](#); making ice-cream [A23G 9/20](#) )}
- A47J 43/121 . . { Devices using a static mixing element; Static mixing elements therefor }
- A47J 43/122 . . . { the mixing element being of considerable length, e.g. labyrinth-type mixing elements }
- A47J 43/123 . . . . { Self-contained units for making whipped cream }
- A47J 43/125 . . { Receptacles with gas-introducing means at the bottom; Gas pumping means therefor }
- A47J 43/126 . . { Tools whereby gas is introduced through their axis; Gas pumping means therefor }
- A47J 43/127 . . { Devices using a rotary mixing element, e.g. driven by the gas }
- A47J 43/128 . . { Parts; Accessories, e.g. valves }
  
- A47J 43/14 . . Devices { or machines } for opening raw eggs or separating the contents thereof {( openers for boiled eggs [A47G 19/28](#) )}
- A47J 43/145 . . { Machines therefor }
  
- A47J 43/16 . . Implements for introducing fat, bacon or the like into meat; Larding-pins
  
- A47J 43/18 . . Holding or clamping devices for supporting fowl, venison, or other meat, or vegetables, during cooking or during subsequent cutting
  
- A47J 43/20 . . Shapes for preparing foodstuffs, e.g. meat-patty moulding devices, { pudding moulds }
  
- A47J 43/22 . . Kitchen sifters
  
- A47J 43/24 . . Devices for washing vegetables or the like; { Colanders ( machines for washing potatoes, beets, apples on an industrial scale [A23N 12/023](#); machines for washing grain [B02B 1/04](#) )}
  
- A47J 43/25 . . Devices for grating
- A47J 43/255 . . { with grating discs or drums }
  
- A47J 43/26 . . Nutcrackers ( pliers [B25B 7/00](#) )
  
- A47J 43/27 . . for mixing drinks; Hand-held shakers ( mechanically driven [A47J 43/042](#) )

A47J 43/28 . Other culinary hand implements, e.g. spatulas, pincers, forks or like food holders, ladles, skimming ladles, cooking spoons; Spoon-holders attached to cooking pots ( { measuring spoons for powders [A61J](#), measuring flasks [B01L 3/00](#) }; calibrated capacity measures for fluids or fluent solid material [G01F 19/00](#); weighing spoons [G01G 19/56](#) )

A47J 43/281 . . { Cooking spoons; Ladles ( table spoons [A47G 21/02](#), [A47G 21/04](#) ) }

A47J 43/282 . . { Spoons for serving ice-cream }

A47J 43/283 . . { Tongs; Devices for picking, holding or rotating food }

A47J 43/284 . . { Hand implements for separating solids from liquids or liquids from liquids }

### **WARNING**

Skimmers and skimming ladles are being continuously reclassified to [A47J 43/285](#)

A47J 43/285 . . . { Skimmers; Skimming ladles }

### **WARNING**

Not complete, see also [A47J 43/284](#)

A47J 43/286 . . . { Hand implements for draining preserving liquid from canned food, e.g. tuna-squeezers ( devices for squeezing-out liquid from liquid-containing material not used as kitchen equipment [B30B 9/02](#); containers with provisions for draining away fluids [B65D 81/26](#) ) }

A47J 43/287 . . { Holders for spoons or the like attached to cooking pots ( plates with integral holders for spoons [A47G 19/06](#) ) }

A47J 43/288 . . { Spatulas; Scrapers; Multi-purpose hand implements }

**A47J 44/00 Multi-purpose machines for preparing food { with several driving units }**

A47J 44/02 . with provisions for drive either from top or from bottom, e.g. for separately-driven bowl

**Guidance heading: Other household implements or utensils**

**A47J 45/00 Devices for fastening or gripping kitchen utensils { or crockery } ( kitchen cabinets with provision for attachment of kitchen implements or utensils [A47B 77/00](#) )**

A47J 45/02 . for fastening kitchen utensils to tables, walls, or the like ( for household utensils [A47G 29/087](#) )

A47J 45/06 . Handles for hollow-ware articles ( { handles for metallic holders [B65D](#) ) }

A47J 45/061 . . { Saucepan, frying-pan handles ( [A47J 45/07](#) takes precedence ) }

A47J 45/062 . . { Bowl handles ( [A47J 45/07](#) takes precedence ) }

A47J 45/063 . . { Knobs, e.g. for lids ( [A47J 45/07](#) takes precedence ) }

A47J 45/065 . . { Bails, e.g. for pails, for kettles ( [A47J 45/07](#) takes precedence ) }

A47J 45/066 . . { Collar handles ( [A47J 45/07](#) takes precedence ) }

A47J 45/067 . . { Handles for coffee pots or the like ( [A47J 45/07](#) takes precedence ) }

- A47J 45/068 . . { Handles having indicating means, e.g. for temperature ( [A47J 45/07](#) takes precedence ) }
- A47J 45/07 . . of detachable type ( separate handles, { devices for gripping hot cooking utensils } [A47J 45/10](#) )
- A47J 45/071 . . . { Saucepan, frying-pan handles }
- A47J 45/072 . . . { Bowl handles }
- A47J 45/074 . . . { Knobs, e.g. for lids }
- A47J 45/075 . . . { Bails, e.g. for pails, for kettles }
- A47J 45/077 . . . { Collar handles }
- A47J 45/078 . . . { Handles for coffee pots or the like }
- A47J 45/08 . . Heat-insulating handles ( of detachable type [A47J 45/07](#) )
- A47J 45/085 . . . { Heat shields for handles }
  
- A47J 45/10 . Devices for gripping or lifting hot cooking utensils, e.g. pincers, separate pot handles, fabric or like pads ( egg grasping devices [A47J 29/06](#); { plate-holders [A47G 19/08](#) } )
  
- A47J 47/00** **Miscellaneous kitchen containers, stands, or the like** ( { bowls for food processors [A47J 43/0727](#) }; containers in general [B65D](#) ); **Cutting-boards, e.g. for bread** ( with slicing devices [B26D](#) )
  
- A47J 47/005 . { Cutting boards }
- A47J 47/01 . with dispensing devices ( { for butter or the like [A47J 9/00](#); for table use [A47G 19/32](#) } )
- A47J 47/02 . Closed containers for foodstuffs ( { for table use [A47G 19/30](#) } )
- A47J 47/04 . . for granulated foodstuffs
- A47J 47/06 . . . with arrangements for keeping fresh
- A47J 47/08 . . for non-granulated foodstuffs
- A47J 47/10 . . . with arrangements for keeping fresh
- A47J 47/12 . . . Bread boxes
  
- A47J 47/14 . Carriers for prepared human food ( lunch boxes, picnic boxes, or the like [A45C 11/20](#) )
- A47J 47/145 . . { Hand carriers for pizza delivery, e.g. with thermal insulation, heating means or humidity control }
  
- A47J 47/16 . Stands, or holders for kitchen articles ( racks [A47B](#) )
  
- A47J 47/18 . Pails for kitchen use
- A47J 47/19 . . Edge protectors; Floor protectors
  
- A47J 47/20 . Grids, racks, or other supports removably mounted in, on, or over sinks; Splash guards for sinks
  
- A47J 2009/00** **Apparatus or utensils for shaping** { or dispensing portions of } **butter or the like** ( for use in dairies [A01J 19/00](#), [A01J 21/00](#), { [A01J 23/00](#) }; moulding plastic material in general [B29C](#) )
  
- A47J 2009/008 . with scales or indicators to determine the amount to be dispensed or separated

<b>A47J 2027/00</b>	<b>Cooking-vessels ( <a href="#">A47J 29/00</a> to <a href="#">A47J 33/00</a> takes precedence )</b>
<a href="#">A47J 2027/006</a>	. especially adapted for preparing pasta
<a href="#">A47J 2027/008</a>	.. for cooking pasta under pressure
<a href="#">A47J 2027/04</a>	. for cooking food in steam; Devices for extracting fruit juice by means of steam; { <a href="#">Vacuum cooking vessels ( steam-heated vessels for hotels, restaurants or canteens <a href="#">A47J 27/16</a> )</a> }
<a href="#">A47J 2027/043</a>	.. for cooking food in steam
<a href="#">A47J 2027/046</a>	.. Devices for extracting fruit juice by means of steam
<b>A47J 2031/00</b>	<b>Apparatus for making beverages ( household machines or implements for straining foodstuffs <a href="#">A47J 19/00</a>; preparation of non-alcoholic beverages, e.g. by adding ingredients to fruit or vegetable juices, <a href="#">A23L 2/00</a>; coffee or tea pots <a href="#">A47G 19/14</a>; tea infusers <a href="#">A47G 19/16</a>; dispensing beverages on draught <a href="#">B67D 1/00</a>; brewing of beer <a href="#">C12C</a>; preparation of wine or other alcoholic beverages <a href="#">C12G</a> )</b>
<a href="#">A47J 2031/06</a>	. Filters or strainers for coffee or tea makers; { <a href="#">Holders therefor</a> }
<a href="#">A47J 2031/0694</a>	.. with indicating means to aid the measurement of ground coffee contained therein
<a href="#">A47J 2031/16</a>	. Inverting coffee-making apparatus in which water is boiled in the lower part and the apparatus is subsequently inverted to pass the water through the filter
<a href="#">A47J 2031/165</a>	.. Stirring devices operatively connected to cooking utensils when being removably inserted in a cooking-vessel
<b>A47J 2037/00</b>	<b>Baking; Roasting; Grilling; Frying ( bakers` ovens, non-domestic baking apparatus or equipment <a href="#">A21B</a>; domestic stoves or ranges <a href="#">F24B</a>, <a href="#">F24C</a> )</b>
<a href="#">A47J 2037/06</a>	. Roasters; Grills; Sandwich grills
<a href="#">A47J 2037/0611</a>	.. { <a href="#">the food being cooked between two heating plates, e.g. waffle-irons</a> }
<a href="#">A47J 2037/0617</a>	... with means to adjust the distance between heating plates
<a href="#">A47J 2037/07</a>	.. Roasting devices for outdoor use; Barbecues { ( <a href="#">field-cookers <a href="#">A47J 33/00</a>, <a href="#">A47J 36/26</a> )</a> }
<a href="#">A47J 2037/0777</a>	... with foldable construction for storage or transport purposes
<a href="#">A47J 2037/0786</a>	... { <a href="#">Accessories</a> }
<a href="#">A47J 2037/0795</a>	.... Adjustable food supports, e.g. for height adjustment
<b>A47J 2043/00</b>	<b>Miscellaneous implements for preparing or holding food</b>
<a href="#">A47J 2043/04</a>	. Machines for domestic use not covered elsewhere, e.g. for grinding, mixing, stirring, kneading, emulsifying, whipping or beating foodstuffs, e.g. power-driven ( <a href="#">food straining implements <a href="#">A47J 19/00</a>; devices for grating <a href="#">A47J 43/25</a>; multi-purpose machines <a href="#">A47J 44/00</a> )</a>
<a href="#">A47J 2043/044</a>	.. with tools driven from the top side
<a href="#">A47J 2043/04409</a>	... Apparatus of hand held type
<a href="#">A47J 2043/04418</a>	.... with housing extending perpendicular, e.g. horizontally, from the tool axis



<a href="#">A47J 2043/04427</a>	....	with housing extending vertically in line with the tool axis
<a href="#">A47J 2043/04436</a>	....	attachable to the bowl
<a href="#">A47J 2043/04445</a>	....	attachable to a stand
<a href="#">A47J 2043/04454</a>	...	Apparatus of counter top type
<a href="#">A47J 2043/04463</a>	....	with a mixing unit rigidly fixed on the housing and a movable support for the bowl
<a href="#">A47J 2043/04472</a>	....	with a mixing unit vertically movable relative to the support
<a href="#">A47J 2043/04481</a>	....	with a mixing unit pivotable on the support
<a href="#">A47J 2043/0449</a>	....	with a mixing unit detachable from the support
<a href="#">A47J 2043/07</a>	..	Parts or details, e.g. mixing tools, whipping tools
<a href="#">A47J 2043/0733</a>	...	Weighing means
<a href="#">A47J 2043/0738</a>	...	Means for storing accessories
<a href="#">A47J 2043/0744</a>	...	Means for storing the power cord

**[A47J 2201/00](#)      Devices having a modular construction**

**Guidance heading: Other household implements or utensils**

**[A47J 2202/00](#)      Devices having temperature indicating means**

**[A47J 2203/00](#)      Devices having filling level indicating means**