

1) Family number: 12358313 (US5486685A)

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Title: Oven with food presence indicator

Abstract: An oven includes a chamber for locating food for heating. An indicator is provided for signalling the existence of food in the chamber. A sensor may react to the weight of the food on a support in the chamber, or a light beam directed in the chamber and interrupted by a food or receptacle for thereby indicating the existence of food. A time delay may be provided between the sensing of the existence of food and the activation of the indicator. In other situations the indicator system operates in other ovens, autoclaves, and furnaces having workpieces for science, technology, and industry.

Classifications:

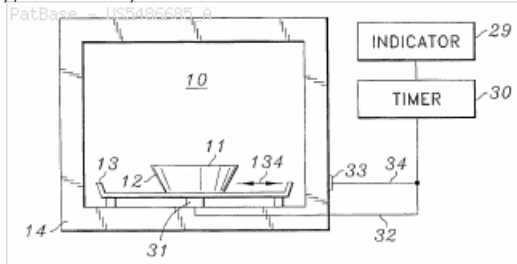
International (IPC 8-9): H05B6/68 (Advanced/Invention)

International (IPC 1-7): H05B6/68

CPC: H05B6/6435 H05B6/6464

European: H05B6/64K H05B6/64S4 H05B6/68M2

US: 219/506 219/518 219/706 219/708 219/720 99/325



Family:

Publication number	Publication date	Application number	Application date
US5486685 A	19960123	US19940344276	19941123
WO9616527 A1	19960530	WO1995US12442	19950928

Priority:

US19940344276 19941123

Probable Assignee: DODDS W JEAN

Assignee(s): (std): DODDS W JEAN

Assignee(s): DODDS W

Inventor(s): (std): DODDS W JEAN

Inventor(s): DODDS W

Designated states: AT BE CA CH CN DE DK ES FR GB GR IE IT JP KR LU MC NL PT SE US

2) Family number: 11371421 (US5266275A)

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Title: Ozone sterilization system secondary safety chamber

Abstract: In a medical instrument sterilization system that preferably utilizes humidified ozone as a sterilization agent or sterilizing effluent, the system provides for ozone generation, humidification of that ozone and its transfer to for circulation in a primary sterilization chamber wherein medical instruments are scoured clean and sterilized by passage of the humidified ozone therethrough, and for venting the used ozone to a destruction chamber for heat destruction. The invention is in a secondary safety chamber for containing the primary sterilization chamber wherein sterilization operations take place that is locked and sealed during the sterilization cycle and provides for separately sensing and venting for destruction any sterilizing agent as escapes from the primary sterilization chamber.

Classifications:

International (IPC 8-9): A61L2/20 (Advanced/Invention);

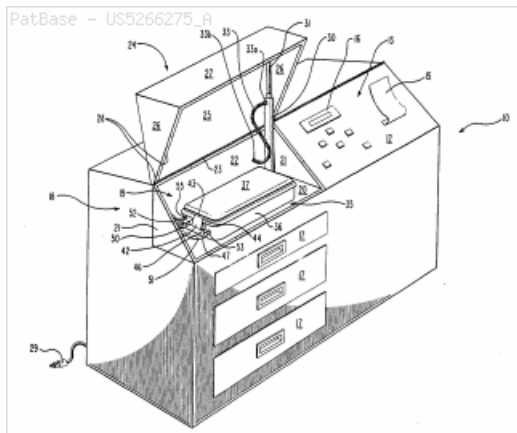
A61L2/20 (Core/Invention)

International (IPC 1-7): A61L2/20

CPC: A61L2/202

European: A61L2/20C

US: 422/116 422/28 422/292 422/300 422/305 422/31 422/32 422/33



Family:

Publication number	Publication date	Application number	Application date
US5266275 A	19931130	US19920940034	19920904

Priority:

US19920940034 19920904

Probable Assignee: FADDIS CHRIS G

Assignee(s): (std): FADDIS CHRIS G

Assignee(s): PROCTER AND GAMBLE CO ; TRASKBRITT PC ; CYCLO3PSS MEDICAL SYSTEMS INC

Inventor(s): (std): FADDIS CHRIS G

3) Family number: 47108481 (US2011070124A)

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Title: STEAM STERILIZATION SYSTEM FOR STERILIZING MEDICAL WASTE

Abstract: An integrated sterilization and materials handling system for sterilizing and handling items such as medical waste, paper, or other things comprises a cart for carrying a removable bin for holding the items to be sterilized, and a sterilization chamber that receives the bin when it is removed from the cart. The various embodiments include a bin that is dumpable with the cart using existing dumping apparatus, a bin that pivots on the cart to permit dumping of the items from the bin by tilting the bin, and a bin used primarily in a dry heat sterilization process of the invention when sterilizing items that are not to be discarded after sterilization to facilitate loading and unloading of the bin. The system has thermal energy booster plates mounted in the sterilization chamber for providing dry radiant heat to the chamber, and the system may vary process times, process pressures, and process temperatures to predetermine settings that correlate to the weight of the items to be sterilized.

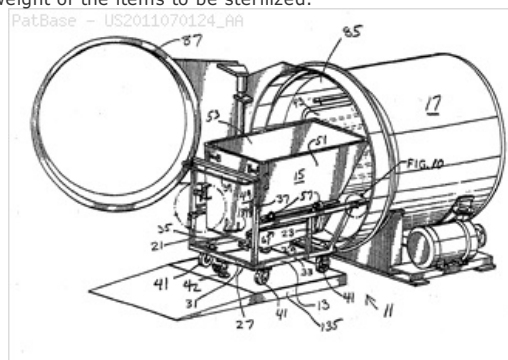
Classifications:

International (IPC 8-9): A61L2/04 A61L2/07 (Advanced/Invention)

CPC: A61L2/07 A61L2/24 A61L2202/122

European: A61L2/07 A61L2/24 K61L202/122

US: 422/26 422/26P 422/295 422/295S 422/3



Family:

Publication number	Publication date	Application number	Application date
US2011070124 AA	20110324	US20100924438	20100927
US7815851 BA	20101019	US20060403670	20060413

Priority:

US20060403670 20060413 US20100924438 20100927

Probable Assignee: LEWIS ROBERT W

Assignee(s): (std): LEWIS ROBERT W

Inventor(s): (std): LEWIS ROBERT W

Agent(s): JOHN F A; FRANK J; HARDING EARLEY FOLLMER AND FRAILEY PC

4) Family number: 21613590 (US2004037763A)

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Title: WASTE TREATMENT

Abstract: Disclosed is a combination instrument steriliser (13, 210) and biomedical waste processor (15, 211). Both units are supplied steam from a common steam boiler (30, 212). In preferred embodiments, the waste processor utilises a shredder comprising a planetary gear box (127) with rotating cutting heads (120, 200).

Classifications:

International (IPC 8-9): A61B19/00 A61G12/00 A61J1/00 A61L11/00 A61L2/06 A61L2/07 A61L2/24 A61L2/26 A61L9/00 B02C18/06 B02C18/14 B02C18/16 B02C18/18 B02C18/24 B02C19/00 B02C19/18 B09B3/00 B65F7/00 (Advanced/Invention);

A61J1/00 A61L11/00 A61L2/04 B02C18/06 B02C19/00

B65F7/00 (Core/Invention)

International (IPC 1-7): A61B19/00 A61G12/00 A61J1/00 A61L11/00 A61L2/00 A61L2/04 A61L2/06 A61L2/07 A61L2/24 A61L2/26 B02C18/06 B02C18/14 B02C18/16 B02C18/24 B02C18/40 B02C19/00 B02C19/12 B02C19/18 B09B3/00 B65F7/00

CPC: A61L2/07 A61L2/24 A61L11/00 B02C18/14 B02C18/24

B02C19/0075 B02C19/186 Y10S241/606

European: A61L11/00 A61L2/07 A61L2/24 B02C18/14 B02C18/24

B02C19/00W6 B02C19/12M B02C19/18C

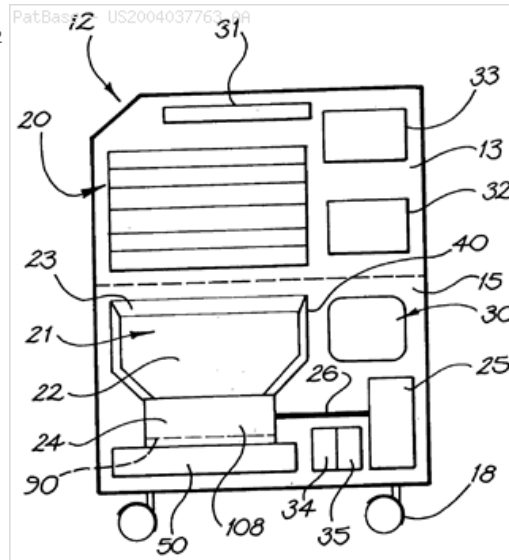
US: 241/606 422/292 422/297 422/297S 422/298 422/298P 422/300

422/300S 422/309 422/309S

JP F-Term: 4C058 4C058/AA12 4C058/AA27 4C058/BB05 4C058/CC03 4C058/CC05 4C058/DD03 4C058/DD05 4C058/DD13 4C058/EE01

4C058/EE26 4C341 4C341/LL12 4C341/LL15 4D004 4D004/AA48

4D004/CA04 4D004/CA46 4D004/CB13 4D004/CB31 4D004/CB42
 4D004/CC03 4D004/DA02 4D004/DA16 4D004/DA20 4D065 4D065/CA12
 4D065/CB01 4D065/CC01 4D065/CC08 4D065/DD05 4D065/DD24
 4D065/EA03 4D065/EB18 4D065/ED06 4D065/ED27 4D065/ED31
 4D065/ED39 4D065/EE01 4D065/EE15
JP F-Index: A61G12/00/W A61L11/00 A61L2/06/B A61L2/07 A61L2/24
 B02C18/14/A B02C18/16/A B02C18/24 B09B3/00/303/Z
 B09B3/00/ZAB/Z
JP Facet: ZAB



Family:

Publication number	Publication date	Application number	Application date
AT329626 E	20060715	AT20010975863T	20011010
AU066700 A0	20001102	AU2000PR00667	20001010
AU2000000667 A0	20001102	AU2000PR00667	20001010
AU2001295274 AA	20020422	AU20010295274	20011010
AU2001295274 BB	20060202	AU20010295274	20011010
AU200195274 A1	20020422	AU20010095274	20011010
AU200195274 A5	20020422	AU20010095274D	20011010
AU2006200177 AA	20060202	AU20060200177	20060117
CA2420133 AA	20030220	CA20012420133	20011010
DE60120728 D1	20060727	DE20016020728	20011010
DE60120728 D1	20060727	DE20016020728T	20011010
DE60120728 T2	20070628	DE20016020728T	20011010
EP1324781 A1	20030709	EP20010975863	20011010
EP1324781 A4	20040324	EP20010975863	20011010
EP1324781 B1	20060614	EP20010975863	20011010
EP1767228 A2	20070328	EP20060011866	20011010
EP1767228 A3	20070919	EP20060011866	20011010
ES2266268 T3	20070301	ES20010975863T	20011010
JP2004511328 T2	20040415	JP20020533915T	20011010
NZ524385 A	20031128	NZ20010524385	20011010
PT1324781 T	20061031	PT20010975863T	20011010
US2004037763 AA	20040226	US20030380496	20030314
US7195743 BB	20070327	US20010380496	20011010
WO230476 A1	20020418	WO2001AU01296	20011010

Priority:

AU20000000667 20001010 AU2000PR00667 20001010 AU20010295274 20011010
 EP20010975863 20011010 AU20010095274 20011010 WO2001AU01296 20011010
 AU20060200177 20060117

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

5) Family number: 16844936 (CN2378044Y)

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Title: Multifunction sterilizing cabinet

Abstract: The utility model provides a technical proposal of a multifunction sterilizing cabinet. The multifunction sterilizing cabinet mainly comprises a cabinet top surface, a base, a cabinet body provided with a heat insulating layer, door bodies, an ozone generator, an infrared electric heating pipe and a shelf, wherein, the ozone generator, the infrared electric heating pipe and the shelf are arranged in the cabinet body. The multifunction sterilizing cabinet is characterized in that the middle part of the inner part of the cabinet body is provided with a middle spacing layer, an inner cavity of the cabinet body is divided into two inner

cavities by the middle spacing layer, and the two inner cavities are sealed by the two door bodies; the ozone generator and the partial shelf are arranged in one inner cavity, and the infrared electric heating pipe, the partial shelf and water drain holes at the bottom are arranged in the other inner cavity; in addition, an exhaust vent is respectively arranged in the two inner cavities.

Classifications:

International (IPC 8-9): A61L2/00 A61L2/04 A61L2/20 (Advanced/Invention);

A61L2/00 A61L2/04 A61L2/20 (Core/Invention)

International (IPC 1-7): A61L2/00 A61L2/04 A61L2/20

Family:

Publication number	Publication date	Application number	Application date
CN2378044 Y	20000517	CN19992020788U	19990505

Priority:

CN19992020788U 19990505

Probable Assignee: DOMESTIC ELECTRIC APPLIANCES R

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Inventor(s): (std): DEKUN XU ; XU DEKUN