



New connection on: : 15-11-2018 : 04:00:14 - Last disconnection on: : 15-11-2018 : 01:50:56

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

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[EPODOC: SS 10] ..fi

Select a database: ..FI EPODOC

 Database: EPODOC

[EPODOC: SS 10] bio+ and cabin+

Results in EPODOC **2.992**

[SS 11] surface

Results in EPODOC **8.047.854**

[SS 12] 10 and 11

Results in EPODOC **392**

[SS 13] chamber

Results in EPODOC **1.732.845**

[SS 14] 12 and 13

Results in EPODOC **59**

[SS 15] actuator

Results in EPODOC **364.198**

[SS 16] 14 and 15

Results in EPODOC **0**

[SS 17] duct

Results in EPODOC **281.060**

[SS 18] 14 and 17

Results in EPODOC 7

[SS 19] ..v

[EPODOC: SS 19] ..li



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PN - [CN206925902U](#) U 20180126
PR - CN20172829524U 20170710
AP - CN20172829524U 20170710
DT - I
PA - XIANGSHAN LULIN
BIOTECHNOLOGY CO LTD
TI - **Bio** -safety **cabinet**
AB - The utility model relates to an experimental facilities field specifically discloses a **bio** - safety **cabinet**, including support frame and the control **chamber** of fixed mounting on the support frame, the control **chamber** openly is equipped with and is used for closing the glass floating gate of control **chamber** is equipped with the operation gloves that are located control **chamber** inside on the glass floating gate, the top **surface** of control **chamber** is made for the glass material, waste fitting discharging below is equipped with the bilge pit, even has the spring between bilge pit and the support frame, and bilge pit right side below fixedly connected with gravity ball, gravity ball below from the top down are equipped with first voussoir and the second voussoir that can the level freely slides in proper order, corresponding sterilization switch and the ultraviolet lamp switch of being equipped with in proper order on the right of



first voussoir and the second voussoir, the control **chamber** below is equipped with aerating device, through the same in the entrance of aerating device's outlet **duct** external diameter AND operation gloves. The utility model discloses accomplish the back in the experiment, can to control **chamber** inside with operate gloves and carry out thorough cleaning and disinfection, can avoid existing in the control **chamber** remaining experimental material of surviving.

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- PN - [CN205994118U](#) U 20170308
- PR - CN20162605538U 20160620
- AP - CN20162605538U 20160620
- DT - I
- PA - CHONGQING NEWFINE BIOLOGY TECH CO LTD
- TI - Can sell **cabinet** by sterile **biological** enzyme goods
- AB - The utility model discloses a can sell **cabinet** by sterile **biological** enzyme goods, which comprises a body, the both sides of body are all through hinge and **cabinet** door swing joint, the **surface** of body is equipped with the controller, the **surface** of body is equipped with ozone and grows the ware, the inner **chamber** of body is equipped with the backup pad, the inner **chamber** of backup pad all is equipped with the standing groove, the inner **chamber** of standing groove all is equipped with induction system, the bottom of backup pad is equipped with the outlet **duct**, the bottom of outlet **duct** is equipped with the shower nozzle, the bottom of backup pad all is equipped with the infrared ray sterilamp. This can sell **cabinet** by sterile **biological** enzyme goods grows ware, outlet **duct** and shower nozzle through ozone, can disinfect to the **biological** enzyme goods on the sales table, has avoided the **biological** enzyme goods to place for a long time and has breedied the bacterium get into in the **biological** enzyme goods on sales table to cause **biological** enzyme goods unserviceable problem.

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- PN - [KR101437360B](#) B1 20140904
- PR - KR20140027956 20140310
- AP - KR20140027956 20140310
- DT - I
- CNOI - [B01L1/00](#) ; [C12M27/24](#)
- PA - KOREA CT DISEASE CONTROL & PREVENTION [KR]
- TI - BIOHAZARDSAFETY CABINET

AB - The present invention relates to a **biological** safety **cabinet** comprising a work **chamber** opened and closed by a door installed in front, and formed in order for air flow inside the work **chamber** not to be discharged to the outside as an air curtain inhalation hole is formed; an air flow generating **chamber** which is located in an upper part of the work **chamber**, and which an air blower generating air circulation is installed therein; a sliding-type grill damper which is installed in an upper part of the air flow generating **chamber** and, more specifically, installed in an upper part of a **duct** coupled to an air exit side of the air blower, and which equipped are a pair of plates, to be mutually **surface**-contacted, where a plurality of controlling holes in the air-flowing direction are perforated and formed on a **surface** of each plate slantingly in a phase of the side cross section to control the direction of discharged air flow to be inclined to either left or right side, as relatively slide-moved therebetween. Accordingly, provided is a **biological** safety **cabinet** able to prevent air flow discharged to the outside through the **duct** from becoming turbulent flow even if a side more distant from the **duct** between both sides of the **biological** safety **cabinet** is closely installed to a wall body of an installation room where the **biological** safety **cabinet** is installed.

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PN - [CN202192071U](#) U 20120418

PR - CN20112336307U 20110908

AP - CN20112336307U 20110908

DT - I

PA - HEILONGJIANG INST SCI &
TECH

TI - Lower exhaust type
draught **cabinet**

AB - The utility model relates to a lower exhaust type draught **cabinet**, in particular to a draught **cabinet** which is used for a chemical or **biology** laboratory, aiming at solving the problems that the draught **cabinet** used by the chemical laboratory is low in harmful gas removal rate and poor in sealing property, and a glass door is easy to be corroded and fragile. An upper part **cabinet** is arranged on a lower part **cabinet**; a back plate is arranged behind the upper part **cabinet** and the lower part **cabinet**; a top plate is positioned above a working platform; the left side and the right side of the upper part **cabinet** are respectively provided with arc-shaped

tracks; an arc-shaped organic glass door is arranged in front of the upper part **cabinet**; the upper end of the arc-shaped organic glass door is positioned on the track of an arc-shaped door; the edges of the end surfaces of the working platform are all provided with a plurality of vent holes except the edge close to the front end **surface**; a ventilation sieve plate is arranged above the plurality of vent holes in a buckling way; a draught fan is arranged in an exhaust **chamber**; and one end of an exhaust **duct** is connected with the draught fan, and the other end of the exhaust **duct** is positioned outside the lower part **cabinet**. The lower exhaust type draught **cabinet** is used in the chemical or **biology** laboratory.

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PN - [CN201662091U](#) U 20101201

PR - CN20102153321U 20100408

AP - CN20102153321U 20100408

DT - I

PA - CHENG YANG

TI - High-efficiency, low-emission, firewood-saving and coal-saving furnace

AB - The utility model discloses a high-efficiency, low-emission, firewood-saving and coal-saving furnace. The furnace is characterized in that a furnace end panel, a furnace drum and a pedestal are connected into a whole through bolts; the front **surface** of the furnace drum is provided with a furnace mouth through hole corresponding to a feeding **cabin**, the side face of the furnace drum is provided with an air inlet **duct** and the lower part of the furnace drum is provided with a furnace core supporting flange disc; a push-pull type fire grate and a fire grate positioning device are arranged below a supporting disk, and a prefabricated furnace core is arranged above the supporting disk; the upper end of the furnace core is provided with a combustion supporting device; the upper end of the combustion supporting device is provided with an annular cover; the furnace drum is partitioned into an upper heat exchange **chamber** and a lower annular air supply **chamber** by the annular cover; and the annular air supply **chamber** is communicated with the air inlet **duct** and an air inlet hole. The furnace has the advantages of simple manufacturing, high practicability, convenient implementation and use and simple maintenance. Meanwhile, the combustion supporting device can disturb the air flow

in the furnace core and completely combust the fuel, has high combustion thermal efficiency, reduces the pollution to environment by flue gas emission and has a positive effect on **biological** environment protection and energy conservation.

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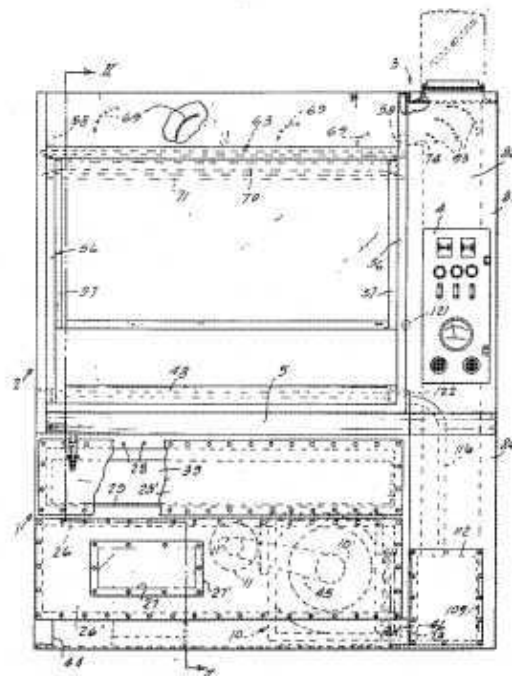
PN - [US3874754](#) A 19750401
 PR - US19720309764 19721127
 AP - US19720309764 19721127
 DT - *
 CT - [US493321](#) A []; [US3186327](#) A [];
[US3284148](#) A []; [US3301163](#) A [];
[US3354495](#) A []; [US3375773](#) A [];
[US3547505](#) A []; [US3584927](#) A [];
[US3610716](#) A []; [US3626837](#) A [];
[US3632180](#) A []; [US3699871](#) A [];
[US3790347](#) A []

CCI - [B0111/04](#) ; [F24F3/16](#)

PA - KEWAUNEE SCIENT
 EQUIPMENT CORP

TI - **BIOHAZARDSAFETY CABINET**

AB - A **biological** safety **cabinet**, including a hood structure defining a work **chamber**, at the bottom of which is a work **surface**, the **cabinet** being provided at its front wall with an access opening therein adjacent the work **surface**, and with means for creating an air flow through said **chamber** from top to bottom, which air may become contaminated by materials disposed in said **chamber**, air discharged from said **chamber** passing through a decontaminating filter disposed below the plane of said work **surface**, blower means arranged to withdraw decontaminated air passing through said filter and discharge the same in **duct** means operative to conduct such air to



a **chamber** disposed above said work **chamber**, from which it is discharged into the latter at the top thereof. Means are also provided for readily effecting in a simple manner decontamination of the filter; for increasing the access opening in the work **chamber** to accommodate relatively large equipment; with control means, responsive to the size or closure of the access opening, for varying the operation of the blower; and indicating means for ascertaining operating conditions during normal or decontaminating functions. Means is also provided for effecting a relatively uniform distribution of air discharged into the top of said work **chamber**.

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PN - [EP0064892](#) A1 19821117

PNFP - EP0064892 B1 19850410

PR - FR19810008729 19810430

AP - EP19820400661 19820413

DT - *; Rep

CT - || STSE (A1)

[GB509601](#) A 19390717

[A] (HUGH IORYS HUGHES);

[FR84214E](#) E 19641224 [A];

[FR2415706](#) A1 19790824

[A] (ODOT CHARLES [FR]);

[US4078346](#) A 19780314

[A] (MANNHARALD);

[US3246564](#) A 19660419

[A] (CHIEFFE JOHN F)

CTNP - || STSE (A1)

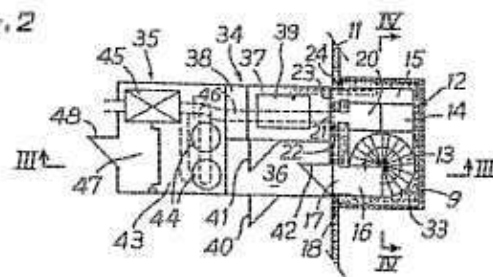
[A] HEATING, PIPING & AIR CONDITIONING, septembre 1958, pages 136-139, Chicago, USA,

CCI - [E04H9/12](#)

PA - (A1)
SGG BTPI [FR]

TI - (A1)

Fig. 2



Installation for putting a sublevel parking space under nuclear, **biological** and chemical protection.

- (B1)

INSTALLATION FOR PUTTING A SUBLEVEL PARKING SPACE UNDERNUCLEAR, **BIOLOGICAL** AND CHEMICAL PROTECTION

AB

- (A1)

1. Installation for the nuclear, **biological**, chemical protection of an underground car park, characterized in that it comprises : - walls (2, 3) provided with air-tight doors (7, 8) and fixed in the car park so as to divide each level into rooms (4.1 to 4.4), the occupation capacity of which is on a human scale, - a well (9) drilled in the ground outside the framework (11) of the car park and containing a prefabricated, monolithic section (12) divided into compartments and embedded in a concrete envelope (33) which is poured on the spot, allowing at each level served by this section, opposite at least one room, access passages (17, 21, 23) traversing said framework, the section comprising particularly a helical staircase (13) with landings (16) in front of the access passages, an inlet **duct** for fresh air (14) and an exhaust **duct** for stale air (15), - and at least an internal technical **cabin** (10) at each level, dimensioned according to the gauge of the existing access ramps of the car park, and preferably limited to a vehicle **surface** space, said **cabin** comprising a machine room (37) and a ventilation room (43) both connected to said two ducts, as well as an air **chamber**

(36) connecting the room(s)
to the staircase.

[SS 19]