

PatBase - Search results 25 June 2020

Search query (9): [SP]: multifunctional physical and chemical experiment mobile display platform the invention relates to a multifunctional physical and chemical experiment mobile display platform and relates to the technical field of student appliances. the technical purpose is to provide the multifunctional physical and chemical experiment mobile display platform the multifunctional physical and chemical experiment mobile display platform includes a physical experiment platform, a circuit experimental groove is formed in the upper side of the physical experiment platform, and an experimental circuit is mounted on the upper side of the circuit experimental groove. according to the multifunctional physical and chemical experiment mobile display platform, combination is firm, dismounting, combination and use are convenient, a convenient physical weak current circuit experiment device and an electronic screen convenient for displaying are arranged, a cleaning tank and a ventilation device are mounted on the chemical display platform, experimental operation of a chemical reaction is convenient, and more convenient equipment is provided for experimental teaching of students.

Results: 10**1) Family number: 64798145** (CN106373448A)

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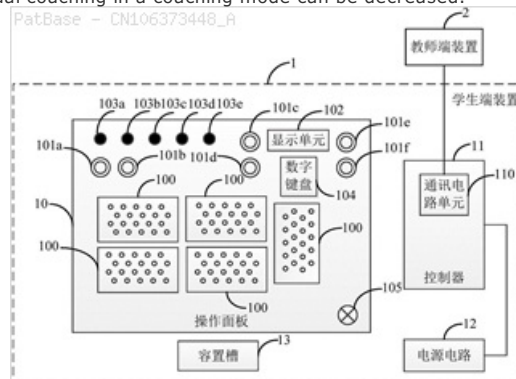
Title: AUTOMOTIVE ELECTRONIC WIRING EXPERIMENTAL DEVICE AND METHOD
Priority: CN201610878794 20161008
Family:

Publication number	Publication date	Application number	Application date
CN106373448 A	20170201	CN201610878794	20161008

Probable Assignee: SHENZHEN GTA EDUCATION TECH CO LTD
Assignee(s):(std): SHENZHEN GTA EDUCATION TECH CO LTD
Assignee(s): EDUCATIONAL TECHNOLOGY CO LTD SHENZHEN GTA ; SHENZHEN GTA EDUCATION TECHNOLOGY CO
Inventor(s):(std): ZENG JUNHUA ; YU GANG ; WEN LICHENG ; LUO ZHIJIAN ; DING JINGGUO
International class G09B23/18 G09B9/00 (Advanced/Invention)
(IPC 8-9):
CPC: G09B9/00 G09B23/183
[Classification Explorer](#)
Cited documents: KR20160105194 A, CN203084995 U, CN201655110 U, CN104809946 A, CN102592494 A, CN102280049 A, CN102270404 A,
Forward Citations: CN109118834, CN107085980,

Abstract:

The invention belongs to the circuit theory teaching technical field and provides an automotive electronic wiring experimental device and method. According to the experimental device of the invention, a key unit enables a controller to enter a corresponding practice mode or guidance mode and start an experiment item according to the selection operation of a student, or the controller enters an examination mode and starts an experiment item according to a received examination mode instruction and a test question instruction; an indication lamp unit displays the prompt signals of enabled experimental modes; a display unit displays the selected information of the experimental item; and the controller judges whether the wiring operation of the student in three experimental modes is correct and whether the experiment item is completed or not. With the experimental device and method of the invention adopted, reliance on written information or manual coaching in a coaching mode can be decreased.

**2) Family number: 67424172** (CN107331221A)

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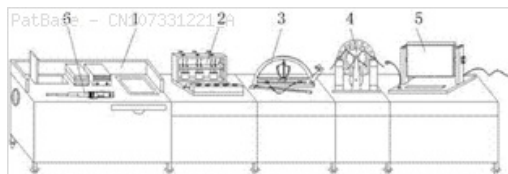
Title: AUXILIARY TEACHING TOOL FOR TEACHER CLASSROOM
Priority: CN201710808679 20170909
Family:

Publication number	Publication date	Application number	Application date
CN107331221 A	20171107	CN201710808679	20170909

Probable Assignee: CHEN ZHIYING
Assignee(s):(std): CHEN ZHIYING
Assignee(s): CHEN YING VALUE
Inventor(s):(std): CHEN ZHIYING
International class G09B5/06 (Advanced/Invention)
(IPC 8-9):
CPC: G09B5/065 G09B5/067
[Classification Explorer](#)
Cited documents: CN206348996 U, CN205288496 U, CN205038844 U, CN204222481 U, CN203706472 U, CN203689744 U, CN203551705 U, CN203038538 U, CN201910188 U, CN107085980 A, CN103846116 A,
Forward Citations: CN109064788,

Abstract:

The invention provides an auxiliary teaching tool for a teacher classroom. A chemical auxiliary teaching tool, an auxiliary mathematic teaching tool, an auxiliary physical teaching tool and an auxiliary Chinese teaching tool can all be movably placed on a teaching table; according to the course content, the corresponding auxiliary teaching tool is selected for classroom explanation and demonstration; a classroom teaching rod is matched with the auxiliary teaching tool for the classroom explanation and demonstration. An auxiliary English teaching tool has the function of video or picture file projection, and projection equipment can be folded for storage. The auxiliary chemical teaching tool facilitates explanation, is small in space and multipurpose in design, and has strong functions and high safety performance. The auxiliary mathematic auxiliary teaching tool is light in structure, can quickly draw a circle, and quickly draw a parabola for teaching. The auxiliary physical teaching tool is convenient to use, stable in performance and long in service life. The auxiliary Chinese teaching tool is high in practicability and convenient to dismount and repair when damaged, is of a multiple auxiliary structure, and is high in functionality. The classroom teaching rod meets basic requirements for modernized teaching.

**3) Family number: 65673175 (CN206162967U)**

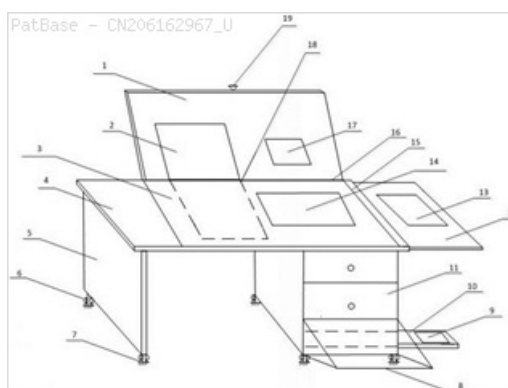
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Title: MULTI -FUNCTIONAL ELECTRONIC EXPERIMENT PLATFORM BASED ON CLOUD CALCULATES**Priority:** CN201621057367U 20160914

Publication number	Publication date	Application number	Application date
■ CN206162967 U	20170510	CN201621057367U	20160914

Probable Assignee: UNIV HARBIN SCIENCE AND TECH**Assignee(s):(std):** HARBIN UNIV OF SCIENCE AND TECHNOLOGY ; UNIV HARBIN SCIENCE AND TECH**Inventor(s):(std):** WANG JIANXIONG ; HOU RUIQIANG ; GAO PENG ; FANG GUOZHI**International class (IPC 8-9):** G09B23/18 G09B9/00 (Advanced/Invention)[Classification Explorer](#)**Forward Citations:** CN108320640, CN108295920, CN107085980, CN107038941,**Abstract:**

The utility model relates to a multi -functional electronic experiment platform based on cloud calculates belongs to experimental facilities technical field. The utility model discloses a solve present electricity teaching experiment table to have the commonality poor, the function is the problem less. The utility model discloses a go up a table body, experimental box, desktop board, table riser, drawer and curb plate, the table panel mounting is equipped with a department and the mounting groove that the last table body suited on the desktop board on table riser and drawer, go up the table body and desktop board and set up folding installation, goes up the operation panel that the table body and desktop plate -type become to be used for the electronics experiment of electrical engineering, goes up the table and installs experimental box and liquid crystal display systems on personally experiencing sth. Part of the body, and it has the experimental facilities standing groove still to process on the operation panel, be provided with the vertical curb plate opening that runs through on the desktop board, lateral wall upper portion is provided with the pivot behind the curb plate opening, the right side at the desktop board is installed through the pivot to the curb plate. Utility model structure modern design, simple to operate, can choose different functional modules for use according to the experiment of difference.

**4) Family number: 50639207 (KR20120013072A)**

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Title: KIT FOR LEARNING ELECTRONIC CIRCUIT**Priority:** KR20100075233 20100804

Publication number	Publication date	Application number	Application date
■ KR101262154 B1	20130514	KR20100075233	20100804
■ KR20120013072 A	20120214	KR20100075233	20100804

Probable Assignee: KONE CO LTD**Assignee(s):(std):** KONE CO LTD**Assignee(s):** KONE CO**Inventor(s):(std):** KOOK GWANG SOO**International class (IPC 8-9):** G09B23/18 G09B25/00 H05K1/02 (Advanced/Invention)

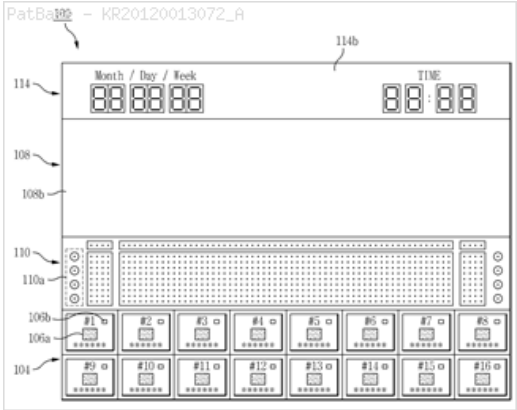
CPC: G09B23/183 H05K1/02

[Classification Explorer](#)

Forward Citations: WO18084335, KR101798207, KR101608352, CN107085980,

Abstract:

PURPOSE: A learning kit for an electronic circuit is provided to being organized within a fast time without losing devices. CONSTITUTION: A learning kit for an electronic circuit(100) comprises a device storage unit, a device counting unit(106), a device display unit(108), a bread board(110), and an device operation unit(112). The device storage unit stores devices by respectively classifying the devices according to specification. The device counting unit is mounted on installs to the device storage unit. The device counting unit generates a counting signal corresponding to the specification of the devices when the devices, which are respectively stored according to the specification, are drawn. The device display unit receives the counting signal and selectively displays a specification list of the devices corresponding to the counting signal on a screen. The bread board designs an electronic circuit with the specification list of counted devices. The device operation unit is electrically connected to the device counting unit, the device display unit, and the breadboard and selectively supplies proper operation power and operates them.



5) Family number: 47715318 (CN201655104U)

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Title: Physicochemical experiment demonstration instrument for students

Priority: CN201020184778U 20100430

Family:

Publication number	Publication date	Application number	Application date
CN201655104 U	20101124	CN201020184778U	20100430

Probable Assignee: GUOLIN YANG

Assignee(s):(std): GUOLIN YANG

Assignee(s): YANG GUOLIN

Inventor(s):(std): GUOLIN YANG

Inventor(s): YANG GUOLIN

International class G09B23/12 G09B23/24 (Advanced/Invention)

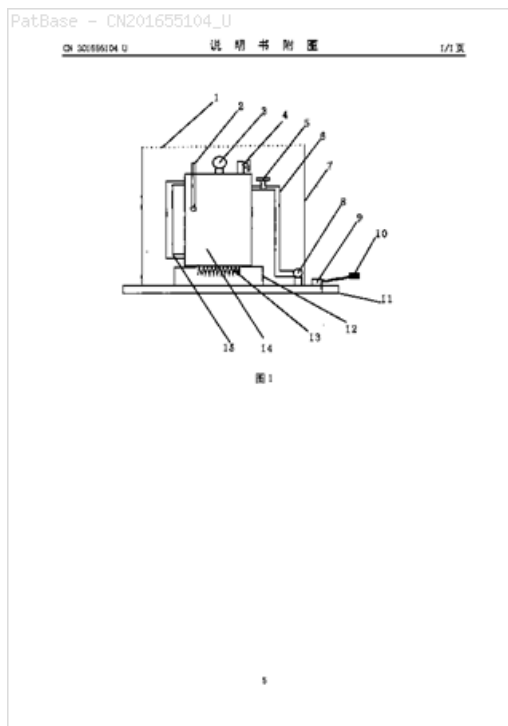
(IPC 8-9):

[Classification Explorer](#)

Forward Citations: CN107085980, CN103903500, CN103454314, CN103454314,

Abstract:

A physicochemical experiment demonstration instrument for students belongs to teaching experiment articles, and is realized as follows: a transparent safety cover is arranged right above a bottom support plate, and an air vent is arranged right above the safety cover; a bracket is arranged on the upper plane of the bottom support plate inside the safety cover, an iron barrel is arranged on the bracket, an electric heating device connected with the iron barrel into a whole is arranged on the lower bottom surface of the iron barrel, an exhaust tube is communicated with the barrel wall on one side of the iron barrel, an exhaust tube switch is arranged on the exhaust tube, the exhaust tube is communicated with a miniature vacuum pump, and a power supply controller is arranged beside the miniature vacuum pump and is connected with a power supply plug; and a water-level gauge is communicated with the barrel wall on the other side of the iron barrel, a gas-pressure meter is arranged right above the iron barrel, a valve is arranged on one side of the gas-pressure meter, and a temperature gauge is arranged on the other side of the gas-pressure meter. The utility model has the advantages of simple structure and high safety, and can demonstrate physicochemical experiments, so that students can understand physicochemical principles more intuitively.



6) Family number: 64681323 (CN205868336U)

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Title: CHEMISTRY EXPERIMENT DEMONSTRATION PLATFORM

Priority: CN201620874363U 20160805

Family:

Publication number	Publication date	Application number	Application date
■ CN205868336 U	20170111	CN201620874363U	20160805

Probable Assignee: KANG XIAOYAN

Assignee(s):(std): KANG XIAOYAN

Inventor(s):(std): KANG XIAOYAN

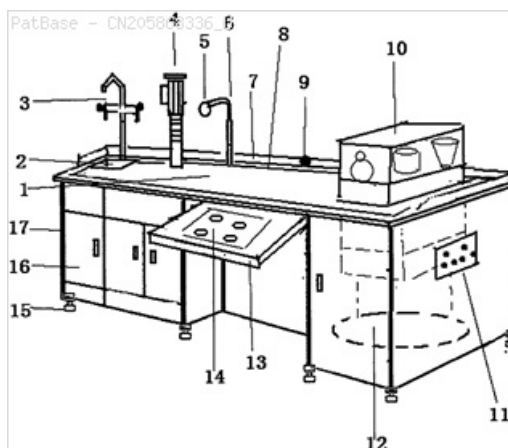
International class B01L9/02 G09B23/24 (Advanced/Invention)
(IPC 8-9):

[Classification Explorer](#)

Forward Citations: CN108686731, CN107909905, CN107362846, CN107085980,

Abstract:

The utility model discloses a chemistry experiment demonstration platform, including the table body, lift utensil frame, drainage device, ventilation unit, lighting device, camera device, controlling means, power supply unit, the mesa side is equipped with the glass baffle, can prevent that laboratory glassware from bumping, the mesa edge is equipped with the annular groove, can in time remove the liquid of trickling down on the mesa, the support column is equipped with altitude controller, can be adjusted into the level with the mesa, experimental apparatus is placed to lift utensil frame, conveniently takes, and is not only safe but also save trouble, drainage device conveniently tests the water and laboratory glassware washes, ventilation unit can in time remove harmful gas, lighting device enables the student and sees experiment phenomena clearly, camera device can enlarge experiment phenomena, slow down, reproduce, controlling means is convenient to be controlled various devices, power supply unit is equipped with short circuit overload protection equipment, and is safer.



7) Family number: 66697598 (CN107085980A)

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Title: MULTIFUNCTIONAL PHYSICAL AND CHEMICAL EXPERIMENT MOBILE DISPLAY PLATFORM

Priority: CN201710534604 20170703

Family:	Publication number	Publication date	Application number	Application date
	 CN107085980 A	20170822	CN201710534604	20170703

Probable Assignee: YANG YUHENG

Assignee(s):(std): YANG YUHENG

Inventor(s):(std): YANG YUHENG

International class (IPC 8-9): G09B23/18 G09B23/24 G09B5/02 (Advanced/Invention)

CPC: G09B5/02 G09B23/24 G09B23/183

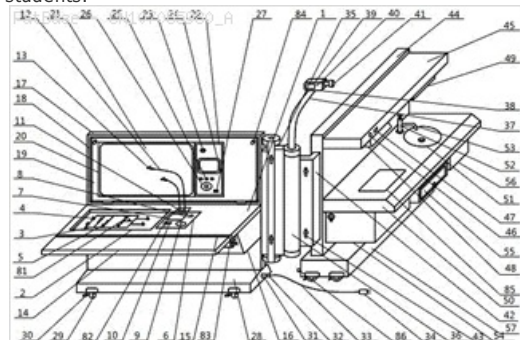
[Classification Explorer](#)

Cited documents: KR20120013072 A, CN206162967 U, CN205868336 U, CN204990925 U, CN201655104 U, CN106373448 A, CN105280033 A,

Forward Citations: CN107341977, CN107331221,

Abstract:

The invention relates to a multifunctional physical and chemical experiment mobile display platform and relates to the technical field of student appliances. The technical purpose is to provide the multifunctional physical and chemical experiment mobile display platform; the multifunctional physical and chemical experiment mobile display platform includes a physical experiment platform, a circuit experimental groove is formed in the upper side of the physical experiment platform, and an experimental circuit is mounted on the upper side of the circuit experimental groove. According to the multifunctional physical and chemical experiment mobile display platform, combination is firm, dismounting, combination and use are convenient, a convenient physical weak current circuit experiment device and an electronic screen convenient for displaying are arranged, a cleaning tank and a ventilation device are mounted on the chemical display platform, experimental operation of a chemical reaction is convenient, and more convenient equipment is provided for experimental teaching of students.



8) Family number: 61482803 (CN204990925U)

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Title: MULTI -FUNCTIONAL EXPERIMENT PLATFORM OF ELECTRIC DESIGN AUTOMATION

Priority: CN201520545001U 20150727

Family:	Publication number	Publication date	Application number	Application date
	 CN204990925 U	20160120	CN201520545001U	20150727

Probable Assignee: CHENG SHAN

Assignee(s):(std): CHENG SHAN

Inventor(s):(std): LI HUANHUAN ; CHENG SHAN

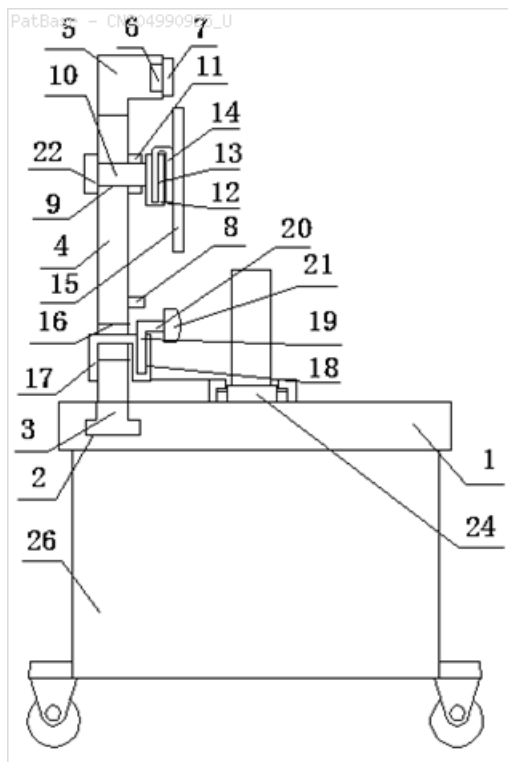
International class (IPC 8-9): G09B23/18 (Advanced/Invention)

[Classification Explorer](#)

Forward Citations: CN107085980,

Abstract:

(B,) multi -functional experiment platform of electric design automation. It constitutes this product including (b) (b): (B,) (b) table surface, table surface's front end is opened has down (b) (b) T (b) (b) shape slot, fall (b) (b) T (b) (b) shape plug -in connection slip inserted block, electronic design simulation show board in kind is connected to the slip inserted block, (b) (b) L (b) (b) shape roof is connected to electronic design simulation show board in kind, (B,) the magnetic dot is inlaid to the riser of (b) L (b) (b) shape roof, magnetic dot actuation signboard, the division board is connected to electronic design simulation show board in kind, electronic design simulation show board in kind is opened there is a set of through -hole, the through -hole inserts the round bar, the round bar passes the prelocalization and detains the circle, circle grasping through -hole is detained in the prelocalization, the picture peg is connected to the round bar, the picture peg is opened there is the slot, the slot grafting is (b) (b) U (b) (b) shape plug -in components, board in kind is tested to (b) (b) U (b) (b) shape plug -in components connecting circuit that falls, electronic design simulation show board in kind is opened there is the socket, the socket grafting is (b) (b) U (b) (b) shape elasticity folder, (b) (b) U (b) (b) shape elasticity folder that falls is opened there is the socket, the socket inserts perpendicular picture peg, erect the picture peg and connect the diaphragm, the experiment table is connected to the diaphragm. The utility model is used for the electronic design experiment. (B,)



9) Family number: 67456953 (CN107341977A)

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Title: TEACHING EQUIPMENT FOR COMPUTER AIDED EDUCATION

Priority: CN201710772697 20170831

Family:

Publication number	Publication date	Application number	Application date
■ CN107341977 A	20171110	CN201710772697	20170831

Probable Assignee: LIN GUANGHUA

Assignee(s):(std): LIN GUANGHUA

Inventor(s):(std): LIN GUANGHUA

International class G09B5/06 (Advanced/Invention)

(IPC 8-9):

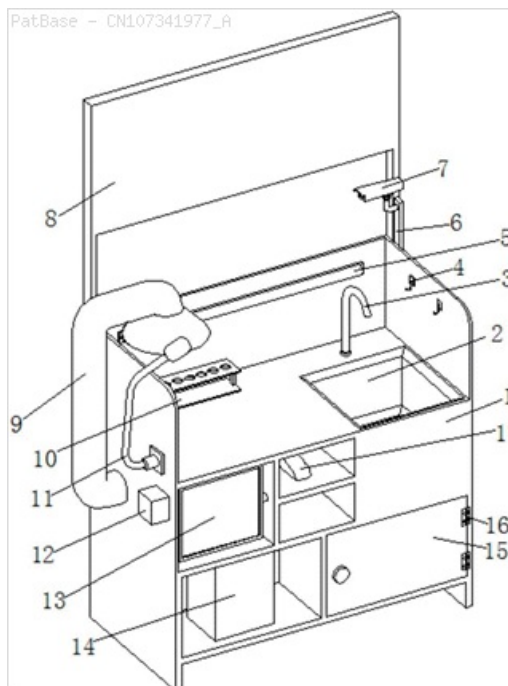
CPC: G09B5/065

[Classification Explorer](#)

Cited documents: CN206215268 U, CN206139233 U, CN205984002 U, CN205340867 U, CN205236014 U, CN205042510 U, CN204706267 U, CN107085980 A, CN105303915 A, CN101996502 A,

Abstract:

The invention discloses teaching equipment for computer aided education, and the equipment comprises a box body. The upper surface of the box body is provided with a test tube stand, a water tank, and a water pipe. The upper part of a rear side plate of the box body is provided with a lamp pole, and the central part of the left side surface of the box body is provided with an exhaust duct, a microphone and a controller. Moreover, the controller is connected with the lamp pole, and the upper part of the right side surface of the box body is fixedly provided with a connecting plate through a screw. The upper end of the connecting plate is connected with a camera through a connecting rod. The top of the rear side of the box body is provided with an exhibition display. The central part of the box body is divided by three separation plates into three cavities, wherein two sides of the left cavity are provided with teacher displays through rotating shafts, and the cavity at the upper part of the right side is provided with a mouse. The lower part of the box body is divided by two separation plates into four cavities, and the two cavities at the rear sides are provided with sound box equipment. The cavity at the left side of the front side is provided with a host. The equipment is diversified in function, enables the class of the teachers and students not to be tedious, and remarkably improves the teaching effect.



10) Family number: 61525954 (CN205594908U)

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Title: TEACHING EQUIPMENT FOR MULTI -MEDIA EXPERIMENTS
Priority: CN201510851066 20151130 CN201520969073U 20151130
Family:

Publication number	Publication date	Application number	Application date
■ CN105280033 A	20160127	CN201510851066	20151130
■ CN205594908 U	20160921	CN201520969073U	20151130

Probable Assignee: SICHUAN DONGSHAN TEACHING AID CO LTD
Assignee(s):(std): SICHUAN DONGSHAN TEACHING AID CO LTD
Assignee(s): SICHUAN DONGSHAN TEACHING EQUIPMENT CO LTD ; SICHUAN DONGSHAN TEACHING AID CO
Inventor(s):(std): QIN DIANPING
International class G09B23/00 G09B23/06 G09B23/24 G09B5/02 (Advanced/Invention)
(IPC 8-9):
CPC: G09B5/02 G09B23/00 G09B23/06 G09B23/24
[Classification Explorer](#)

Cited documents: US6282914 BA, US2014238277 AA, JP2014091089 A2, JP2000167418 A2, CN205594908 U, CN204544259 U, CN204523035 U, CN204523034 U, CN204503155 U, CN204469741 U, CN204448076 U, CN204380738 U, CN204338205 U, CN204208593 U, CN204051733 U, CN104492518 A,

Forward Citations: CN107160434, CN107085980, CN106898191, CN106898191, CN105280033,

Abstract:
The utility model discloses a teaching equipment for multi -media experiments, including equipment principal, the equipment principal upper end is provided with corrosion -resistant roof, and corrosion -resistant roof is equipped with the heat -insulating shield, and the heat -insulating shield both ends are provided with puts thing dish and basin, is provided with out tap to the side of the basin, corrosion -resistant roof upper end rear side is located the heat -insulating shield left end and still is provided with touch display screen, and the equipment principal lower extreme is provided with implements collection cabinet, chemical articles for use and stores cabinet and wastewater collection room, and implements collection cabinet is including drawing the cabinet, draws and is provided with test -tube rack, couple and collecting vat in the cabinet, and the cabinet is stored including sealed cabinet and the fridge of drawing to chemical articles for use, and the wastewater collection room includes a switch door, and the equipment principal in the switch door is provided with the cavity, is provided with the wastewater collection groove in the cavity, equipment principal is provided with corrosion -resistant transparency glass plate, and through pivot and equipment principal swing joint, corrosion -resistant transparency glass plate still is provided with the buckle on the corrosion -resistant transparency glass plate. The utility model discloses it is multiple functional, convenient to use safety.

