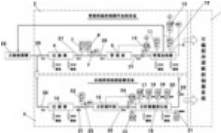
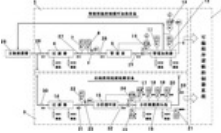
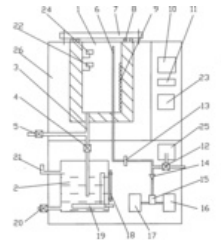


4 results for (vacuum impregnation and pump and tank and chamber and pressure sensor and plc)/TI/AB/IW/CLMS/DESC/ODES - Collection: FAMPAT

#	 Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date	
1.	Special intelligent modular cultural relic preservation device	CN103987138	2014-05-20	SICHUAN JUHE TECHNOLOGY*	2014-08-13	2014-08-13	
The invention discloses a special intelligent modular cultural relic preservation device which is large wood cultural relic preservation and processing equipment. The special intelligent modular cultural relic preservation device comprises a cultural relic dipping tank, an intelligent constant temperature control circulating system, an automatic dosing system, an online drug continuous detection system and a PLC automatic control system. The intelligent constant temperature control circulating system comprises a filter 4, an inline pump 5, a pipe heater 6 and a temperature controller. The online drug continuous detection system comprises a filter 14, an analyzing and circulating pump 15, an analyzing and measuring probe pool 16 and an analysis and detection instrument. A PH detector, a conductivity detector, a density detector, a turbidity detector and a dissolved oxygen detector are arranged in the analyzing and measuring probe pool. The special intelligent modular cultural relic preservation device is composed of the independent intelligent constant temperature control circulating system, the online drug continuous detection system and a supporting control system. Modular design is adopted, the structure is compact and exquisite, full-automatic control and detection are achieved, operation is simple and convenient, and maintenance is simple and convenient.							
2.	Intelligent modular cultural relic protection special device	CN203851300	2014-05-20	SICHUAN ASSEMBLE NUCLEUS TECHNOLOGY*	2014-09-24	2014-09-24	
The utility model discloses an intelligent modular cultural relic protection special device which is an apparatus for protecting and processing large wooden cultural relics. The device comprises a cultural relic dipping tank, an intelligent constant temperature control circulatory system, an automatic drug adding system, an on-line drug continuous detection system and a PLC automatic control system. The intelligent constant temperature control circulatory system comprises a filter 4, a pipeline pump 5, a pipeline heater 6 and a temperature control device. The on-line drug continuous detection apparatus comprises a filter 14, an analysis circulatory pump 15, and analysis measurement probe pool 16 and an analysis detection instrument. A PH detector, a conductivity detector, a density detector, a turbidity detector and a dissolved oxygen detector are arranged in the analysis measurement probe. The device of the utility model is composed of an independent intelligent constant temperature control circulatory apparatus, the on-line drug continuous detection apparatus and a matched control system; the modular design is adopted, and advantages of compact and small structure, full-automatic control and detection, easy operation and convenient maintenance can be realized.							
3.	Differential pressure type multifunctional vacuum oil immersion equipment	CN101285868	2008-06-11	CHONGQING UNIVERSITY*	2008-10-15	2008-10-15	
The invention discloses differential pressure-type multifunctional vacuum oil-saturated equipment, which comprises a vacuum tank, an oil tank and a vacuum pump, wherein the vacuum tank is arranged at the upper part of the oil tank; a communication pipe is arranged between the vacuum tank and the oil tank; the pipeline of the communication pipe is provided with an oil inlet/drain valve; the vacuum pump is communicated with the vacuum tank through an air inlet/exhaust pipe; the pipeline of the air inlet/exhaust pipe is provided with a vacuum tank air-out one-way valve; the inside of the vacuum tank is provided with a vacuum tank heating device; and the vacuum tank is sealed when used. The differential pressure-type multifunctional vacuum oil-saturated equipment can realize vacuum drying and oil-saturated process of an insulation material and convenient oil recycling by means of air pressure difference and gravity action, and has simple and compact structure, convenient and quick operation, high work efficiency and low manufacturing cost of equipment; moreover, the oil-saturated equipment can be filled with other gases in vacuum state and maintains long-term stable operation at a preset temperature as accelerated thermal aging test equipment of insulating test sample under the action of a certain gas.							

Monitoring and control system (2) for impregnation means for (1) impregnating electrical components, preferably of stator bars for generators, which substantially comprises the following modules, the molding (3) temperature control device (5) connected thereto, and a vacuum device (6) for evacuating the impregnation **chamber** (4), to deposit for (26) impregnating and removal of material, and other fluid connectors (24, 25), characterized in, that a central electronic control device (8) for the detection, storage and evaluation of processed data, and the control means are provided for (1) the impregnation, the measurement data acquisition and state with a corresponding sensor network (10) is connected, having a plurality of the measurement task/function of the respective modules (3 and 7, 26) and the media connections (24, 25) special sensors (11 to 23, 27) comprises, in their specific points are arranged.

