

Abstract The invention discloses a movable pump station of emulsified liquid for mine, with a function of preventing water overflow. An emulsification oil tank, a pressure-reduction water tank, a water pump, ...

The scale-inhibiting adding system is controlled by automatic method, equipped with metering pump, and the metering is accurate; the flow range is 0-3.8 liters/hour, and the maximum ...

The rotor pump, grinding pump and mixing and homogeneous emulsification pump developed and produced by Ningbo Helsh are widely used in the field of chemical fiber, involving the transportation, ...

DONJOY's sanitary emulsification and homogenization pumps serve as essential equipment for mixing, emulsifying, shearing, refining, crushing, and homogenizing in the food and beverage industry. These ...

This article introduces the development history of mining plunger pumps, summarizes the current situation of high-pressure and high-power hydraulic plunger pumps in mines at home and abroad, ...

The stability and safety of emulsion pumps are significantly influenced by crankshafts. However, the crankshaft of the emulsion pump bears complex torsional and bending stresses during ...

Emulsion pump is a special type of pump specifically used in the stirring and mixing process of emulsified liquids. It is mainly used to disperse ...

The present invention relates to the technical field of comprehensive mining equipment, and in particular to an emulsion pump station and coal mine comprehensive mining mechanical equipment, including: ...

This system is realized through the unique combination of innovative and advanced container technology. Our pioneering and environmentally friendly solar systems: ...

Emulsifier machine is essential for creating stable emulsions in industries like food, cosmetics, and pharmaceuticals. This guide covers types, key components, and factors to consider ...

The control host machine continuously communicates with each control branch machine to complete the communication function of the system, has the characteristics of convenience of operation, reliable ...

Programmable logic controller (PLC) is an automatic control device made of microcomputer technology. It is based on sequential control, supplemented by loop adaptive, can ...

Double pipeline pump station SR962S This solar pump station is a preinstalled and leak-tested group of fitting for transferring heat from the collector to the storage tank. It contains important fittings and ...

The power matching control technology is introduced into the pump station control system to judge the power demand of hydraulic support and optimize the output of emulsion pump ...

The emulsion pump's flow loss directly affects its performance and efficiency. However, the annular plunger chamber leakage and valve core ...

In order to realize pressure control of emulsion pump station which is key equipment of coal mine in the safety production, the control ...

A liquid supply system for an emulsion pump station comprises a bottom support component (1). An accumulator (2), a liquid supply component (3), and a liquid collection component (4) are disposed on ...

The emulsion pumping station consists of one emulsion tank and two emulsion pumps, each of which is driven by a frequency converter and ...

The successful development of super large flow intelligent emulsion pump station provides a new idea for the configuration of pump station of integrated liquid supply system of super large mining height ...

Most of the existing mine-used intelligent emulsion pump stations are composed of two high-pressure pumps and emulsion tanks. Generally, one high-pressure pump works and the other is...

Abstract: In order to meet the emulsion demand of 8.8 m super high fully mechanized working face, and solve the problems of the existing emulsion pump station system, such as low flow rate of single ...

Download scientific diagram | Emulsion pump station control system structure from publication: Application of PLC in Variable Frequency Constant Pressure Control System for Mine Emulsion ...

This solar pump station is a preinstalled and leak-tested group of fitting for transferring heat from the collector to the storage tank. It contains important ...

Tens of millions of tons of fully mechanized working face put forward higher requirements of Emulsion pump station, This text systematically designed the high-pressure, large ...

Single pipeline solar pump station SR881 This solar pump station is a preinstalled and leak-tested group of fitting for transferring heat from the collector to the storage tank. It contains important fittings and ...

YANG Tao,LI Wenying.Study on multi pump parallel emulsion pump station system based on pressure

control [J] al Mining Machinery,2008,29 (9):111-113. [8] LI ...

The system combines a frequency converter, utilizes the PID function, and cooperates with the electromagnetic valve control of the pump station to reach a constant pressure liquid supply. The ...

The fluid supply system of full-mechanized coal mining face consists of emulsion pump station, accumulator station, fuel tank, fluid supply and return pipeline and its accessories, etc.

The nominal flow rate of the emulsion motor is much smaller than that of the emulsion pump, and there is no mature and reliable water-based flow ...

It makes the work more accurate, reliable and efficient, which not only saves energy, but also reduces the loss of the pump station, saves production costs, and meets the needs of intelligent...

The invention discloses an intelligent control device for mine-used emulsion pump station, comprising an intelligent control device master piece and an accessory, wherein the intelligent control device master ...

As the power source of hydraulic support in a fully mechanized mining face, the emulsion pump station directly affects the working efficiency and stability of hydraulic support, which is the key equipment to ...

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