DESCRIPTION

HYBRID ELECTRIC POWER SOURCE DEVICE FOR CRANE AND ~~CONTROL~~ METHOD ~~O~~FOR CONTROLLING HYBRID ELECTRIC POWER SOURCE DEVICE FOR CRANE

TECHNICAL FIELD

The present invention relates to a hybrid electric power device for a crane and a control method of the hybrid electric power device for the crane. Some cranes such as a gantry crane and a jib crane mounted with tires driven by an engine generator are driven by a mechanism of running a motor or the like using the engine generator and a hybrid electric power source including an electric power accumulating unit such as a battery.

The present invention relates to a hybrid electric power device for a crane used in a facility such as the gantry crane and a control method of the hybrid electric power device for the crane.

BACKGROUND ART

As an example, an engine generator including a diesel engine or the like has been used to drive an electric motor in a crane or the like and an electric motor for driving a pump. In this crane or the like, an electric power generated by an engine generator is supplied to the electric motor via a converter and an inverter, and an electric power accumulator such as a battery is arranged in parallel to the inverter in a line for supplying the electric power to the electric motor as