

# OVERHEAD CRANE CONTROL SYSTEM OF DEGREASING OPERATION

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## ABSTRACT

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A system is introduced for the automation or user controlled of overhead crane control system. Hoist mounted on a steel frame holder and carried by a rack and pinion gear connection system that allows the hoist not only lifting up and lowering down but also transverses left and right. This system is created to replace the conventional type of crane in early industry which only can be shifted manually. As the load is getting heavier, more energy is needed. Hence, also replace a huge amount of labor power. In facts, this system can decrease manual labor and improve the rate of shifting heavy load. Useful details and data that involve in constructing this system are given. Several times of model testing were performed to validate the system.