**DOUBLE MAST STORAGE/RETRIEVAL MACHINE**

## ABSTRACT

The present invention relates to a double mast storage/retrieval machine, ~~and~~ belong~~s~~ing to the technical field of warehousing logistics. The double mast storage/retrieval machine includes an upper beam, a lower beam, masts, a carriage, a lifting motor, a winding drum, a steel wire rope, an upper beam rope sheave, a steel wire rope hanging clamp and a carriage rope sheave; two masts being disposed ~~side by side~~ between the upper beam and the lower beam; the carriage being disposed between the two masts; the lifting motor and the winding drum being disposed on the mast on one side, the upper beam rope sheave being disposed on one side of the upper beam above the winding drum, and the steel wire rope hanging clamp being disposed on the other side of the upper beam~~; the carriage rope sheave being disposed on the carriage; the steel wire rope disposed in the winding drum penetrating through the carriage rope sheave through the upper beam rope sheave on one side to be connected to the steel wire rope hanging clamp disposed on the other side of the upper beam~~. The present invention ~~is~~ has the advantages of simple ~~in~~ structure, high ~~in~~ working efficiency~~, convenient for realizing unmanned operation~~, stable ~~in~~ walking, large ~~in~~ carrying capacity and small ~~in~~ noise. ~~By using the structure of a single winding drum and a single steel wire rope, the cost is saved, installation and maintenance are facilitated, the structure is simpler and use is safer.~~

Fig. 3