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(54) **EXTERNAL MOTOR DRIVE SYSTEM FOR WINDOW COVERING SYSTEM WITH CONTINUOUS CORD LOOP**

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CPC H05B 37/0272; H05B 37/0227; H05B 33/0815; G05B 15/02; G08C 17/02
See application file for complete search history.

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(57) **ABSTRACT**

A motor drive system for operating a mechanism for raising and lowering window coverings includes a motor operating under electrical power and an electrically powered drive system. The motor drive system advances a continuous cord loop in response to positional commands from a controller. An input-output device includes a capacitive touch strip that receives user inputs along an input axis, and an LEDs strip aligned with the input axis. A group mode module communicates the positional commands to other motor drive systems within an identified group to operate respective other mechanisms of the other motor drive systems. A set control module enables user calibration of a top position and a bottom position of travel of the window covering. The input-output device extends vertically on the exterior of a housing for the motor drive system, and the housing supports input buttons of the group mode module and the set control module.

17 Claims, 14 Drawing Sheets

