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(54) Title: DISTRIBUTION SYSTEM PROTECTION DEVICE WITH VARIABLE CURRENT SETTINGS

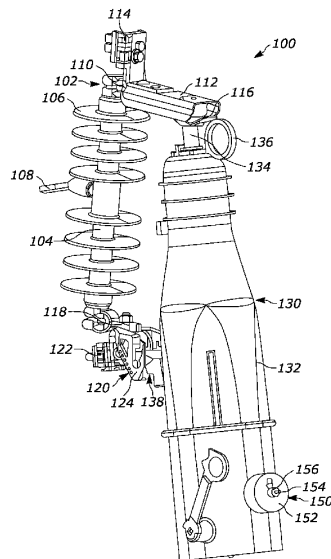


FIG. 1

(57) Abstract: A recloser for a distribution system includes a current sensor configured to measure an operating current of a distribution system. A controller is connected to the current sensor. The controller has at least one processor. A circuit interrupter is connected to the controller and configured to open a circuit to interrupt power in at least a portion of the distribution system. A selector is in communication with the controller. The selector is operable by a user to select one of a plurality of fuse curves. The controller is configured to trigger the circuit interrupter to open the circuit in response to a detected fault current. The fault current is determined based on a selected fuse curve of one of the plurality of fuse curves.

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