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(54) **Title:** METHOD AND SYSTEM FOR CONTROLLING INPUT VOLTAGE IN ELECTRIC CHARGES

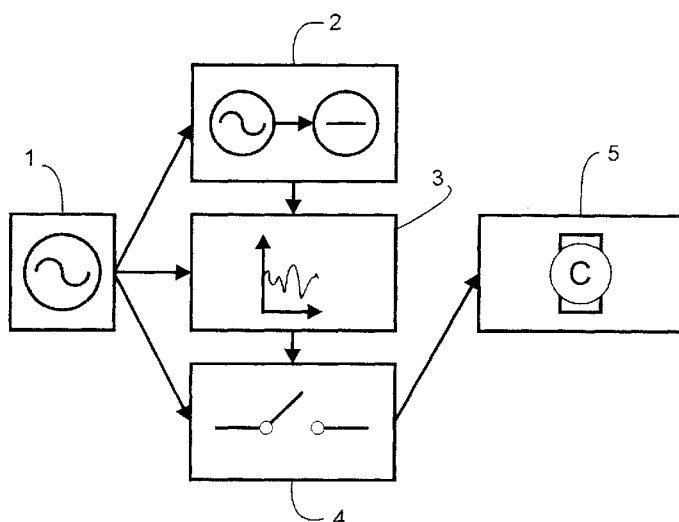


FIG. 3

(57) **Abstract:** The present invention relates to a method and a system for controlling input voltage (1) for electric charges (5) that have a selective organization of electric components for more than one input voltage (1), preferably for induction motors used on cooling compressors, by means of a set of output switches (4). The detection may be made either directly by means of a processing unit (3) or indirectly by means of a network sensor (6) capable of supplying information to the processing unit (3). In another embodiment of this invention, there is addition of a protection sensor (7), as well as control reference values (8) capable of supplying information to the processing unit (3) for better protection of the electric charges (5).



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