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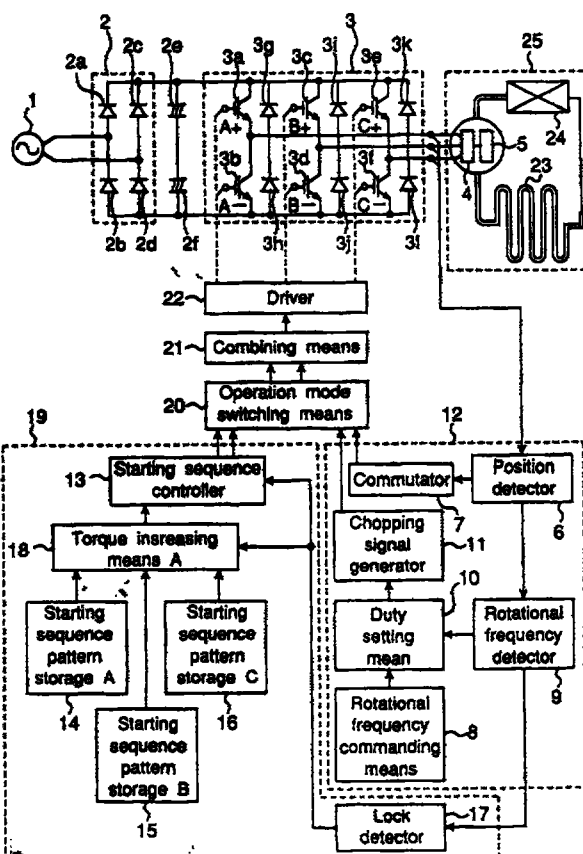
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(54) Title: REFRIGERATING APPARATUS, AND REFRIGERATOR CONTROL AND BRUSHLESS MOTOR STARTER USED IN SAME

(57) Abstract

When a lock detecting means (17) detects a locked state of a DC motor (4) in a starting stage, a torque increasing means (18, 27, 29 or 31) immediately selects a starting sequence pattern of an output torque that is greater by one step, and outputs the same to a starting sequence control means (13), so that a compressor (5) can be restarted speedily without repeating starting failures. A compressor (41), driven by a DC motor (43), has a shell of an internal pressure approximately equal to the pressure of an inhalation gas. An inverter (53) is provided to make the speed of the DC motor (43) variable. A rotational frequency setting circuit (56) sets the rotational frequency of the DC motor (43) to a frequency that is not greater than the frequency of a commercial power source when the internal temperature of a refrigerator is stabilized.



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