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AIR CIRCUIT BREAKER

[ABSTRACT]

In an air circuit breaker provided with a make-and-break unit having a stator 11 and a blade-shaped movable element 10 rotatably supported with a support shaft 9 oppositely to the stator, comprising an electromagnetic operation unit 20 having
5 a fixed iron core 33 provided in an upper position, a movable iron core 32 provided in a lower position oppositely to the fixed iron core, a coil 30 that connects/disconnects the fixed iron core 33 and the movable iron core 32, and a permanent magnet
10 38; capacitors 17a to 17c that energy-store electric power to excite the coil 30; a control circuit board 19 that controls a carrying direction of a current supplied from the capacitors to the coil 30 in response to an input command or a breaking command to the make-and-break unit; and a servo mechanism 16
15 connected to the movable iron core 32, that transmits a driving force by the electromagnetic force of the electromagnetic operation unit 20 to the make-and-break unit.

Fig. 1