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ABSTRACT

MOVABLE CONTACT MECHANISM FOR CIRCUIT BREAKER

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Disclosed is a movable contact mechanism of a circuit breaker including a rotating shaft for driving supporting rods; a plurality of supporting rods each having a vertical hole provided in its upper portion and a transverse hole provided in its lower portion and each rotatably connecting with the rotating shaft via a shaft passing
10 through its transverse hole; a plurality of Y-shaped contact levers each provided with contacts and an axial lever inserted into the vertical hole of a corresponding supporting rod to rotatably connect to the supporting rod, wherein the number of the Y-shaped contact levers is equal to that of the supporting rods; and a plurality of elastic elements each having one terminal connected to the axial lever of a
15 corresponding Y-shaped contact lever or a corresponding supporting rod and another terminal connected to the rotating shaft that the rotating shaft drives the movement of the supporting rods via the elastic elements. The present invention has a simple structure, can be installed easily, can automatically uniform the final pressure of the double-breakpoint contact, and can solve the problem that the
20 conductivity of the double-breakpoint contact is less and less.

The Most Illustrative Drawing: Figure 1