

ABSTRACT

There is disclosed a circuit breaker comprising a movable contact, a fixed contact, a rotatable shaft and an operating mechanism, wherein: the movable contact is operable to rotate around a rotation center of the rotatable shaft with respect to the fixed contact, and a circuit is switched on or off by connecting or disconnecting the movable contact and the fixed contact; the operating mechanism comprises an upper link, a lower link and a handle, wherein the upper link is operable to rotate around an end of the upper link under the drive of the handle, another end of the upper link is rotatably connected to an end of the lower link via a link hinge shaft, and another end of the lower link is hinged to the rotatable shaft, so that the upper link and the lower link are operable to drive the rotatable shaft to bring the movable contact to rotate; there is a predetermined ratio between a working length of the upper link and a working length of the lower link and between the working length of the upper link and a distance from a hinge point of the lower link and the rotatable shaft to the rotation center of the rotatable shaft, so that a rotation angle larger than 30° of the movable contact is formed after the movable contact and the fixed contact are disconnected. The performance of disconnecting of the circuit breaker is improved.