

ABSTRACT

INSERTION/WITHDRAWAL MECHANISM FOR A CIRCUIT INTERRUPTER

A circuit interrupter insertion/withdrawal mechanism including an interrupter moving device comprising a drive shaft operable by an external operating handle from outside of the interrupter compartment, a lever connected between the drive shaft and the interrupter for driving the interrupter between the disconnected and connected positions, and a motion translating device connected between the drive shaft and the interrupter for translating a rotary motion of the drive shaft into a linear motion of the interrupter between the disconnected and connected positions. The lever is rotatable between a disconnecting position corresponding to the disconnected position of the interrupter and a connecting position corresponding to the connected position of the interrupter, the disconnected and connected positions being at substantially diametrically opposed positions about a center of rotation of the lever. The lever is permitted to take an over centered position to which the lever can be rotated from the connecting position to the disconnecting position and beyond the disconnected position by a predetermined distance so that the interrupter cannot return to the connected position by a pushing force accidentally applied to the interrupter.

FIG 1

This Sheet Has Been Replaced

