

Title (en)
LOAD INTERRUPTER COMPRISING AN ARC EXTINGUISHING DEVICE

Title (de)
LASTTRENNSCHALTER MIT EINER LICHTBOGENLÖSCHEINRICHTUNG

Title (fr)
INTERRUPTEUR-SECTIONNEUR AVEC DISPOSITIF D'EXTINCTION D'ARC

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Application
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Priority
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Abstract (en)
[origin: WO2010000684A1] In a load interrupter for gas-insulated switchgear systems equipped with an arc extinguishing device (7), a metal raceway (14) with edges that are drawn up at the inner and outer periphery thereof is associated with a nonferrous extinguishing coil (8) located on the side facing the arc foot. One end of the winding of the extinguishing coil is connected to the raceway and the other end is connected to the fixed contact of the load interrupter. The extinguishing coil is shielded outward up to a defined open arc running surface (25) at the raceway by the winding support and by an inner and an outer jacket (20, 22), each of which are made of a non-conducting material. The simple and compact arc extinguishing device can be disposed near the fixed contact of the interrupter and guarantees a fast commuting of the arc to the raceway and also guarantees the reliable, quick extinguishing of the arc.

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