

Title (en)
BUCHHOLZ RELAY

Title (de)
BUCHHOLZRELAIS

Title (fr)
RELAIS BUCHHOLZ

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Abstract (en)
[origin: WO2012175252A1] The invention relates to a Buchholz relay for monitoring the development of gas and the insulation liquid in liquid-filled high-voltage systems. Two floats which can be deflected and act on an electrical switching device are provided. Furthermore, a flow flap is provided which likewise acts on an electrical switching device. According to the invention, the electrical switching device comprises one or two immersion tubes in each of which separate magnetic switching tubes are provided. The immersion tubes extend in a perpendicular manner through the collection space of the Buchholz relay. Furthermore, a line is provided, the free end of said line ending in the Buchholz relay in the region of the flow flap, wherein the line can be subjected to the action of air or oil from the outside.

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