

Title (en)
BUCHHOLZ RELAY

Title (de)
BUCHHOLZRELAIS

Title (fr)
RELAIS BUCHHOLZ

Publication
EP 2724357 A1 20140430 (DE)

Application
EP 12720874 A 20120514

Priority
• DE 102011105397 A 20110622
• EP 2012058875 W 20120514

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.

IPC 8 full level
H01H 33/55 (2006.01); **H01F 27/40** (2006.01); **H01H 35/40** (2006.01); **H01H 36/02** (2006.01)

CPC (source: EP)
H01F 27/402 (2013.01); **H01H 33/555** (2013.01); **H01H 36/02** (2013.01); **H01F 2027/404** (2013.01); **H01H 35/40** (2013.01)

Citation (search report)
See references of WO 2012175252A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012175252 A1 20121227; CN 103620719 A 20140305; CN 103620719 B 20160713; EP 2724357 A1 20140430; EP 2724357 B1 20160316; ES 2577151 T3 20160713; HK 1192966 A1 20140905; PT 2724357 T 20160707

DOCDB simple family (application)
EP 2012058875 W 20120514; CN 201280030332 A 20120514; EP 12720874 A 20120514; ES 12720874 T 20120514; HK 14105792 A 20140618; PT 12720874 T 20120514