

Title (en)

DISCONNECTING SWITCH FOR HIGH DIRECT OR ALTERNATING CURRENTS AT HIGH VOLTAGES

Title (de)

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Title (fr)

DISJONCTEUR POUR FORTS COURANTS CONTINUS ET ALTERNATIFS À DES HAUTES TENSIONS

Publication

EP 3210229 A1 20170830 (DE)

Application

EP 15797005 A 20151021

Priority

- DE 102014115396 A 20141022
- DE 2015100439 W 20151021

Abstract (en)

[origin: WO2016062305A1] The invention relates to a switch (10), particularly a disconnecting switch (10) for high direct and alternating currents at high voltages, which can be transferred from a conducting position to a disconnecting position, and which comprises a housing (12), a first contact (28), a second contact (30), a switching piston (24) guided by the housing (12), and a connection element (22) which establishes an electrical connection between said first contact (28) and second contact (30) when the switch (10) is in its conducting position, said housing (12) comprising an inner chamber (18) which surrounds the connection element (22). The invention is characterised in that the connection element (22) extends inside the inner chamber (18) in at least some sections; in that said inner chamber (18) is filled with an insulating medium (20); and in that the switch is designed such that a mechanical movement of the switching piston (24) can transfer the switch (10) from the conducting position into the disconnecting position, said switching piston (24) acting mechanically on the connection element (22) such that the electrical connection between the first contact (28) and the second contact (30) is interrupted at at least one disconnection point.

IPC 8 full level

H01H 39/00 (2006.01); **H01H 85/10** (2006.01); **H01H 85/18** (2006.01)

CPC (source: EP KR US)

H01H 33/36 (2013.01 - US); **H01H 39/006** (2013.01 - EP KR US); **H01H 85/10** (2013.01 - EP KR US); **H01H 85/18** (2013.01 - EP KR US); **H01H 1/00** (2013.01 - US)

Citation (search report)

See references of WO 2016062305A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014115396 A1 20141218; DE 202015100525 U1 20150226; EP 3210229 A1 20170830; JP 2017531910 A 20171026; KR 20170063890 A 20170608; US 10388481 B2 20190820; US 2017309432 A1 20171026; WO 2016062305 A1 20160428

DOCDB simple family (application)

DE 102014115396 A 20141022; DE 2015100439 W 20151021; DE 202015100525 U 20150204; EP 15797005 A 20151021; JP 2017522184 A 20151021; KR 20177011710 A 20151021; US 201515520668 A 20151021