

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

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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

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2016062305A1

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