

Title (en)  
QUICK DISCONNECT SWITCH

Title (de)  
SCHNELLTRENNSCHALTER

Title (fr)  
SECTIONNEUR RAPIDE

Publication  
**EP 4038653 C0 20231206 (DE)**

Application  
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Abstract (en)  
[origin: WO2021064160A1] The invention relates to a quick-break disconnect switch, i.e., a switch with which an electric circuit can be disconnected in a particularly quick manner. Such switches are sometimes also referred to as pyrotechnic separation devices or electric interrupter switches. In particular, the switch is a quick-break disconnect switch (10) which has a current supply contact and a current discharge contact, which are connected by a conductor (20), and the conductor (20) is guided through a separation chamber (12). The separation chamber (12) is provided with an expansion vessel (18) which can be expanded by an explosive charge. The invention additionally relates to a method for an emergency separation of a current circuit.

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