

Title (en)

High voltage circuit breaker with two driven switch contact pieces

Title (de)

Hochspannungs-Leistungsschalter mit zwei antreibbaren Schaltkontaktstücken

Title (fr)

Disjoncteur haute tension avec deux pièces de contact entraînées

Publication

**EP 0809269 A3 19981125 (DE)**

Application

**EP 97250161 A 19970523**

Priority

DE 19622460 A 19960524

Abstract (en)

[origin: EP0809269A2] The switch has two mutually coaxially opposed light arc contact pieces (1,2), between which a light arc (3) burns when the switch is switched off, and which are driven in opposite directions by two drive elements (4,5) during switching off. Two permanent current contact pieces (7,8) enclose the light arc contact pieces coaxially. An insulating nozzle (9) attached to the first light arc contact piece is used to blow quenching gas onto the light arc. The second drive element (5) is attached to the insulating nozzle and is driven with it as well as being arranged radially inside the permanent current contact pieces. A deflection transmission for the second drive element is coupled to a field electrode enclosing the second light arc contact piece.

IPC 1-7

**H01H 33/91**

IPC 8 full level

**H01H 33/90** (2006.01); **H01H 33/91** (2006.01); **H01H 33/24** (2006.01)

CPC (source: EP)

**H01H 33/901** (2013.01); **H01H 33/245** (2013.01); **H01H 33/7023** (2013.01); **H01H 2033/028** (2013.01)

Citation (search report)

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- [DA] FR 2491675 A1 19820409 - ALSTHOM ATLANTIQUE [FR]
- [A] EP 0313813 A1 19890503 - BBC BROWN BOVERI & CIE [CH]
- [A] US 4342891 A 19820803 - SOELVER CARL E

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