

Title (en)

HIGH VOLTAGE CIRCUIT BREAKER, ESPECIALLY A GAS-BLAST CIRCUIT BREAKER

Title (de)

HOCHSPANNUNGSLEISTUNGSSCHALTER, INSBESONDERE DRUCKGASLEISTUNGSSCHALTER

Title (fr)

DISJONCTEUR HAUTE TENSION, EN PARTICULIER DISJONCTEUR A GAZ SOUS PRESSION

Publication

**EP 1149396 B1 20030423 (DE)**

Application

**EP 00903551 A 20000114**

Priority

- DE 0000175 W 20000114
- DE 29901205 U 19990115

Abstract (en)

[origin: WO0042627A1] The invention relates to a high voltage circuit breaker, especially a gas-blast circuit breaker. Said high voltage circuit breaker has two switching contacts (1, 2) which face each other and which are surrounded by an insulating sleeve (5) when they are in their switching-on state, a screening electrode (6) being arranged coaxially in relation to said insulating sleeve. A first driveable switching contact (1) is connected to the second switching contact by the insulating sleeve (5) and a linkage mechanism, in such a way that when the first switching contact (1) is activated, said second switching contact moves in the opposite direction to the first switching contact (1). The screening electrode (6) is actively connected to the second switching contact (2) in such a way that it performs a movement controlling the electrical field in the contact gap (20) during a switching off operation.

IPC 1-7

**H01H 33/24**

IPC 8 full level

**H01H 33/24** (2006.01)

CPC (source: EP US)

**H01H 33/245** (2013.01 - EP US); **H01H 33/7023** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

**DE 29901205 U1 19990512**; DE 50001862 D1 20030528; EP 1149396 A1 20011031; EP 1149396 B1 20030423; US 6410873 B1 20020625; WO 0042627 A1 20000720

DOCDB simple family (application)

**DE 29901205 U 19990115**; DE 0000175 W 20000114; DE 50001862 T 20000114; EP 00903551 A 20000114; US 88922201 A 20010713