

Title (en)
HIGH VOLTAGE CIRCUIT BREAKER AND ITS USE

Publication
EP 0085205 B1 19860226 (DE)

Application
EP 82201664 A 19821228

Priority
CH 51882 A 19820128

Abstract (en)
[origin: US4499351A] To provide a high-voltage switch which can switch off in a very short time, namely in a half-period, rapid severing of the isolating screws (36) is utilized, and the high-voltage switch is designed so that the switch-off and switch-on device contains at least one isolating screw (36) by means of which a prestressed rod (28) connected to the movable contact of the high-voltage switch can be released. The half-period high-voltage switch according to the invention is used appropriately in switching systems where the half-period high-voltage switch is connected in series with at least one power circuit-breaker. The advantage is to be seen especially in the use of the high-voltage switch in switching systems where it permits a limited short-circuit cut-out capacity.

IPC 1-7
H01H 39/00

IPC 8 full level
H01H 33/86 (2006.01); **H01H 33/825** (2006.01); **H01H 39/00** (2006.01)

CPC (source: EP US)
H01H 39/00 (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0085205 A1 19830810; EP 0085205 B1 19860226; AT E18318 T1 19860315; DE 3269534 D1 19860403; JP S58129721 A 19830802; US 4499351 A 19850212

DOCDB simple family (application)
EP 82201664 A 19821228; AT 82201664 T 19821228; DE 3269534 T 19821228; JP 1064383 A 19830127; US 46036083 A 19830124