

Title (en)
High-speed circuit breaker

Title (de)
Elektrischer Schnellschalter

Title (fr)
Disjoncteur rapide

Publication
EP 1020886 A3 20011010 (DE)

Application
EP 99811174 A 19991220

Priority
DE 19900666 A 19990111

Abstract (en)
[origin: EP1020886A2] The switch has spaced stationary electrodes (E1,E2) and a cooperating bridging contact (2) which connects the electrodes in the closed switch position, with an explosive charge (4) generating the gas for extinction of the switching arc. the bridging contact is provided by a switch piston and an integral contact sleeve (2') having a gas exit opening (3) which is closed by the hollow stationary electrode (E2) in the closed switch position and which leads to a gas exit chamber (8) in the open switch position. An Independent claim for an application of a high-speed current breaker switch for use with a power switch is also included.

IPC 1-7
H01H 39/00

IPC 8 full level
H01H 39/00 (2006.01); **H01H 33/90** (2006.01)

CPC (source: EP US)
H01H 39/00 (2013.01 - EP US); **H01H 33/90** (2013.01 - EP US)

Citation (search report)

- [A] DE 3537314 A1 19870402 - BBC BROWN BOVERI & CIE [CH]
- [A] GB 1217131 A 19701231 - WESTINGHOUSE ELECTRIC CORP [US]

Cited by
CN106298363A; US10217595B2; WO2017102171A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6252190 B1 20010626; AT E233944 T1 20030315; DE 19900666 A1 20000713; DE 59904438 D1 20030410; EP 1020886 A2 20000719; EP 1020886 A3 20011010; EP 1020886 B1 20030305

DOCDB simple family (application)
US 47736800 A 20000104; AT 99811174 T 19991220; DE 19900666 A 19990111; DE 59904438 T 19991220; EP 99811174 A 19991220