

Title (en)
GAS-BLAST CIRCUIT BREAKER

Publication
EP 0000501 B1 19830216 (DE)

Application
EP 78100368 A 19780711

Priority
DE 2733551 A 19770725

Abstract (en)
[origin: US4229632A] A compressed gas circuit breaker, especially a blasting piston ("puffer") circuit breaker having a movable nozzle of insulating material which surrounds the quenching gap and, by means of pressure springs, forms a stop for closing off the gas flow canal, in which a guide is provided coupling at least one pressure spring to the relative motion of the contacts in such a manner that its effect on the insulating material body is cancelled as soon as the minimum quenching distance has been reached during the opening of the breaker, preventing blasting of the arc before the switch contacts have reached their quenching distance.

IPC 1-7
H01H 33/70

IPC 8 full level
H01H 33/70 (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)
H01H 33/7023 (2013.01 - EP US)

Citation (examination)
DE 2336684 A1 19750130 - BBC BROWN BOVERI & CIE

Cited by
US4740329A; FR2692414A1

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 0000501 A1 19790207; EP 0000501 B1 19830216; DE 2733551 A1 19790208; DE 2862181 D1 19830324; JP S5423972 A 19790222; US 4229632 A 19801021; ZA 784103 B 19790725

DOCDB simple family (application)
EP 78100368 A 19780711; DE 2733551 A 19770725; DE 2862181 T 19780711; JP 9030978 A 19780724; US 92579578 A 19780718; ZA 784103 A 19780719