

Title (en)
Rapid current-limiting switch

Title (de)
Schneller strombegrenzender Schalter

Title (fr)
Interrupteur rapide limiteur de courant

Publication
EP 1098332 B1 20060322 (DE)

Application
EP 00810942 A 20001012

Priority
DE 19953551 A 19991108

Abstract (en)
[origin: EP1098332A2] The current limiting switch has an arc-resistant contact arrangement (K1) in a rated current switch (S1), and two commutation paths (P1,P2) connected in parallel to the rated current switch. A first path (P1) includes a contact arrangement (KT) for an isolating switch and a power-electronic switching device (T) connected in series, and the second path includes a switch-off switch (SA) and a current limiting element (RB) connected in series. The contact arrangement (K1) of the rated current switch and the contact arrangement (KT) of the isolating switch are arranged symmetrically about a common axis (A).

IPC 8 full level
H01H 9/54 (2006.01); **H01H 33/42** (2006.01); **H01H 3/22** (2006.01); **H01H 33/38** (2006.01); **H01H 83/02** (2006.01)

CPC (source: EP US)
H01H 3/222 (2013.01 - EP US); **H01H 9/542** (2013.01 - EP US); **H01H 2003/225** (2013.01 - EP US); **H01H 2009/543** (2013.01 - EP US); **H01H 2033/163** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
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