

Title (en)
SEALED HIGH TENSION CONTACTOR

Title (de)
ABGEDICHTETER HOCHSPANNUNGSSCHALTER

Title (fr)
CONTACTEUR HAUTE TENSION SCELLE

Publication
EP 1027715 A1 20000816 (EN)

Application
EP 98953603 A 19981015

Priority
• US 9821874 W 19981015
• US 6232897 P 19971017

Abstract (en)
[origin: WO9921201A1] A hermetically sealed contactor (10) of the magnetic blowout type is provided utilizing a novel arc chute design (14). The fins (60) of the arc chute (14) include an angled leading edge (67) and a tapered body (38) for slowing and confining the arc in the chute (14) until extinction. The housing (16) is back pressurized with a highly thermally conductive gas to assist in removing heat from the arc, permitting the use of a smaller and simpler contactor (10) arrangement, while maintaining the performance realized in larger devices.

IPC 1-7
H01H 9/30; H01H 9/44; H01H 33/18; H01H 33/66; H01H 3/00; H01H 3/24; H01H 3/32; H01H 33/02; H01H 33/34; H01H 33/08; H01H 75/00; H01H 53/00

IPC 8 full level
H01H 1/66 (2006.01); **H01H 9/34** (2006.01); **H01H 51/29** (2006.01)

CPC (source: EP)
H01H 1/66 (2013.01); **H01H 9/34** (2013.01); **H01H 51/29** (2013.01)

Citation (search report)
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