

Title (en)

Arc tube and shroud holder

Title (de)

Befestigung für eine Bogenröhre und ein Hüllrohr

Title (fr)

Support pour tube à arc et pour une gaine

Publication

EP 1772888 A2 20070411 (EN)

Application

EP 06121734 A 20061004

Priority

- US 72404305 P 20051006
- US 48114506 A 20060705

Abstract (en)

A holder (50) for an arc tube-shroud assembly comprises: a planar disc (54) having a plurality of shroud-holding arms (56) peripherally spaced about the disc and extending in a first direction. At least two arc tube holding arms (60,60a) extend in an opposite direction (62) for positioning an arc tube laterally within a shroud; and at least one arc tube locking tab (64) extends in the opposite direction (60) for positioning the arc tube axially within the shroud. The planar disc (54) is provided with a plurality of venting apertures (82) sized to allow egress of pressurized gases but inhibit passage of axially-propelled arc tube shards in the event of a non-passive failure of an arc tube.

IPC 8 full level

H01J 5/48 (2006.01); **H01J 61/34** (2006.01); **H01J 61/50** (2006.01)

CPC (source: EP)

H01J 5/48 (2013.01); **H01J 61/34** (2013.01); **H01J 61/50** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1772888 A2 20070411; **EP 1772888 A3 20120620**; CA 2554375 A1 20070406; JP 2007103377 A 20070419

DOCDB simple family (application)

EP 06121734 A 20061004; CA 2554375 A 20060727; JP 2006275088 A 20061006