

Search query (2): [SP]: 1. a variable electric field balancing device comprising conductive capture elements separated by an electrical insulator incorporated on a mast (6) with earth connection (7), wherein the variable electric field balancing device further comprises a hollow assembly comprising an upper passive capture element (2), which acts as a capture electrode, and a lower passive capture element (3), which acts as a reception electrode, and both elements (2, 3) may have various geometric shapes on the outside, and an insulator element (4) arranged between said upper (2) and lower (3) elements maintaining them separated from each other at a variable distance (d) dependent on the conductivity coefficient of a set of materials said elements (2 and 3) are composed of, and a geometry of which, of the insulator element (4) is such that, in addition to internally separating the two elements, the insulator element externally covers the lower element (3) like a skirt to a lower base thereof, preventing the impact of a lightning bolt on said lower element (3) from being able to induce the generation of an upward leader, and it also has an expansion and compression valve (5) that connects an outer portion to an inner portion of the hollow assembly and which expands in phases of passage of current, absorption of external induced surges, or a combination thereof and is compressed at an end of a compensation of the variable electric field. 2. the variable electric field balancing device, according to claim 1, wherein the upper passive capture element (2) and the lower passive capture element (3) have a hemispherical outer configuration. 3. the variable electric field balancing device, according to claim 2, wherein the valve (5) is, also, a safety valve that jumps out of its location when the overpressure generated within the hollow assembly that is formed by the upper capture element (2) and the lower reception element (3) and the insulator element (4) exceed their working limit. 4. the variable electric field balancing device, according to claim 2, wherein the valve (5) is incorporated in the lower base of the lower passive capture element (3) of reception. 5. the variable electric field balancing device, according to claim 1, wherein the valve (5) is, also, a safety valve that jumps out of its location when the overpressure generated within the hollow assembly that is formed by the upper capture element (2) and the lower reception element (3) and the insulator element (4) exceed their working limit. 6. the variable electric field balancing device, according to claim 5, wherein the valve (5) is incorporated in the lower base of the lower passive capture element (3) of reception. 7. the variable electric field balancing device, according to claim 1, wherein the valve (5) is incorporated in the lower base of the lower passive capture element (3) of reception.

Results: 7

Diego Gonzalez

Search history

Search STAC=(field and electric and conduct* and dischar* and lightning and electrode) (Results 61)

1:

Search [SP]: 1. a variable electric field balancing device comprising conductive capture elements separated by an electrical insulator incorporated on a mast (6) with earth connection (7), wherein the variable electric field balancing device further comprises a hollow assembly comprising an upper passive capture element (2), which acts as a capture electrode, and a lower passive capture element (3), which acts as a reception electrode, and both elements (2, 3) may have various geometric shapes on the outside, and an insulator element (4) arranged between said upper (2) and lower (3) elements maintaining them separated from each other at a variable distance (d) dependent on the conductivity coefficient of a set of materials said elements (2 and 3) are composed of, and a geometry of which, of the insulator element (4) is such that, in addition to internally separating the two elements, the insulator element externally covers the lower element (3) like a skirt to a lower base thereof, preventing the impact of a lightning bolt on said lower element (3) from being able to induce the generation of an upward leader, and it also has an expansion and compression valve (5) that connects an outer portion to an inner portion of the hollow assembly and which expands in phases of passage of current, absorption of external induced surges, or a combination thereof and is compressed at an end of a compensation of the variable electric field. 2. the variable electric field balancing device, according to claim 1, wherein the upper passive capture element (2) and the lower passive capture element (3) have a hemispherical outer configuration. 3. the variable electric field balancing device, according to claim 2, wherein the valve (5) is, also, a safety valve that jumps out of its location when the overpressure generated within the hollow assembly that is formed by the upper capture element (2) and the lower reception element (3) and the insulator element (4) exceed their working limit. 4. the variable electric field balancing device, according to claim 2, wherein the valve (5) is incorporated in the lower base of the lower passive capture element (3) of reception. 5. the variable electric field balancing device, according to claim 1, wherein the valve (5) is, also, a safety valve that jumps out of its location when the overpressure generated within the hollow assembly that is formed by the upper capture element (2) and the lower reception element (3) and the insulator element (4) exceed their working limit. 6. the variable electric field balancing device, according to claim 5, wherein the valve (5) is incorporated in the lower base of the lower passive capture element (3) of reception. 7. the variable electric field balancing device, according to claim 1, wherein the valve (5) is incorporated in the lower base of the lower passive capture element (3) of reception. (Results 7)

Title: VARIABLE ELECTRIC FIELD BALANCING DEVICE

Abstract: Variable electric field balancing device formed by a hollow assembly that, with geometric shapes that can be different on the outside, comprises an upper passive capture element (2), as a capture electrode, a lower passive capture element (3), as a reception electrode, and an insulator element (4) that keeps them separated from each other at a distance (d) dependent on the conductivity coefficient of the materials, and that, also, externally covers the lower element (3) like a skirt to the lower base of the same, preventing the impact of a lightning bolt on said lower element (3) from being able to induce the generation of an upward leader, and there is also an expansion and compression valve (5) that connects the outside to the inside of the hollow assembly and which expands in phases of passage of current and/or absorption of external induced surges, and compressed at the end of the compensation of the field.

Classifications:

International (IPC 8-9): H01T1/14 H02G13/00 H05F3/00

H05F3/04 (Advanced/Invention)

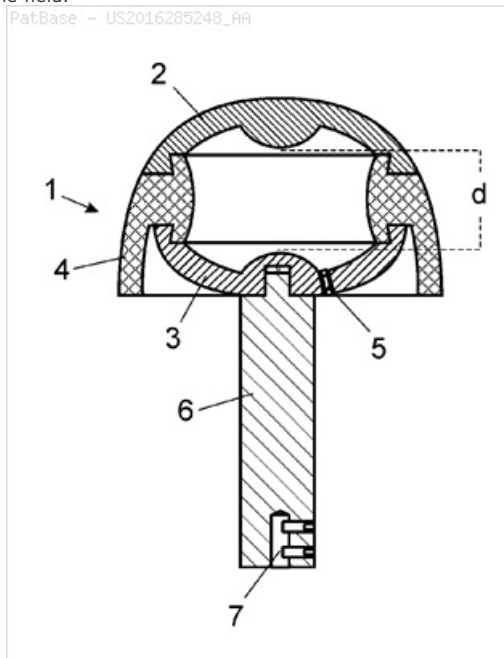
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H05F3/04

US: 174/3

JP F-Term: 5G067 5G067/AA01 5G067/AA11 5G067/DA32

JP F-Index: H05F3/04/G



Family:

Publication number	Publication date	Application number	Application date
AR103970 AA	20170614	AR2016P100727	20160318
AU2015234349 AA	20161013	AU20150234349	20151001
BR112017020188 A2	20180605	BR20171120188	20160322
CA2978509 AA	20170901	CA20162978509	20160322
CL2017002366 A1	20180629	CL20170002366	20170920
CN106028612 A	20161012	CN201610088638	20160217
CO20170010789 A2	20171110	CO20170010789	20171023
CR20170479 A	20180313	CR20170000479	20160322
CU201701114 A7	20171208	CU20170000114	20160322
DOP2017000210 A	20171115	DO20170000210	20170918
EP3277059 A1	20180131	EP20160767800	20160322
ES2537275 AA	20150605	ES20150030389	20150324
ES2537275 BA	20160212	ES20150030389	20150324
ID201804332 A	20180427	ID2017P0005568	20160322
IN201727036666 A	20171201	IN201727036666	20171016
JP2016181497 A2	20161013	JP20150204206	20151016
JP6342869 B2	20180613	JP20150204206	20151016
KR20180013858 A	20180207	KR20177030320	20160322
MX2017011858 A1	20180201	MX20170011858	20160322
PE07462018 A1	20180427	PE20170001576	20160322
PH2017550095 A	20180212	PH20170550095	20170905
SG11201707694Y A1	20171030	SG20171107694	20160322
US2016285248 AA	20160929	US20150985708	20151231
US9685775 BB	20170620	US20150985708	20151231
WO16151173 A1	20160929	WO2016ES70194	20160322

Priority:

ES20150030389 20150324 JP20150204206 20151016 WO2016ES70194 20160322

Probable Assignee: DINNTECO INT SL

Assignee(s): (std): DINNTECO INT S L

Assignee(s): DINNTECO INT SL ; DINNTECO INTERNATIONAL S L ; MALDONADO PARDO ANTONIO JAVIER ; DINNTECO INTERNACIONAL SL

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID

IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN
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SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: LIGHTNING CONDUCTOR

Abstract: Lightning rods having around the rod at least one radioactive ionizing source comprising a chemically-inert gas such as Kr-85 whereby efficient lightning protection is insured and at the same time the danger present with solid radioactive material is eliminated.

Classifications:

International (IPC 8-9): H02G13/00 (Advanced/Invention);

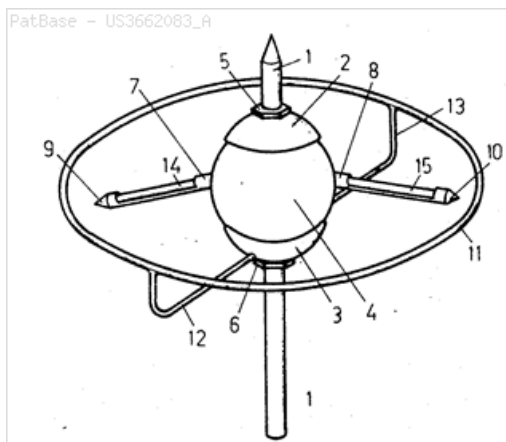
H02G13/00 (Core/Invention)

International (IPC 1-7): H01R3/06 H01T13/00 H01T17/00 H01T20/00
H01T3/00 H02G13/00 H05F3/02 H05F3/06

CPC: H02G13/80 H02G13/20 H02G13/00

European: H02G13/00

US: 174/4C 317/61 361/117



Family:

Publication number	Publication date	Application number	Application date
BE731528 A	19690915		19690415
BE748226 A4	19700831	BE19700748226	19700331
BE748226 R	19700831		00000000
CA933615 A1	19730911	CA19710105875	19710222
CH515639 A	19711115	CH19700005585	19700415
DE2060852 A1	19711223	DE19702060852	19701210
DE2060852 B2	19741010	DE19702060852	19701210
DE2060852 C3	19750605	DE19702060852	19701210
ES386007 A1	19750101	ES19740386007	19740316
FR2043220 A5	19710212	FR19700013167	19700413
GB1255569 A	19711201	GB19700017791	19700414
NL139637 B	19730815	NL19690010005	19690630
NL154881 B	19771017	NL19700017234	19701125
NL6910005 A	19701019	NL19690010005	19690630
NL7017234 A	19711004	NL19700017234	19701125
US3662083 A	19720509	US19700028423	19700414

Priority:

BE19690072768 19690415 BE19690731528 19690415 BE19700087154 19700331
BE19700748226 19700331

Probable Assignee: CEN CENTRE ENERGIE NUCLEAIRE

Assignee(s): (std): A J PARKER ; CEN ; CEN CENTRE ENERGIE NUCLEAIRE ; CT D ETUDE DE L EN NUCLEAIRE E ; CT D ETUDE DE L EN NUCLEAIRE C ; EN NUCLEAIRE CEN CENTRE D ETUD ; DETUDE DE LENERGIE NUCLEAIRE E ; CT D ETUDES DE L EN NUCLEAIRE

Assignee(s): RENE CONSTANT ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE C E N BRUESSEL ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE EN ABREGE C E N ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE C E N BRUSSEL ; CENTRE DETUDE DE LENERGIE NUCLEAIRE EN ABREGE C E N ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE EN ABREGE CEN ; CENTRE DETUDE DE LENERGIE NUCLEAIRE EN ABREGE CEN ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE CEN BRUSSEL ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE C E N ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE C E N 144 AV ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE C E N 144 AVENUE EUG PLASKY BRUXELLES 4 ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE C E N BRU ESS ; CENTRE D ETUDES DE L ENERGIE NUCLEAIRE C E N ; CENTRE DETUDE DE LENERGIE NUCLEAIRE EN ABREGE C E ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE EN ABREGE C ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE C E N BRUSSE ; CENTRE D ETUDE DE L ENERGIE NUCLEAIRE CEN

Inventor(s): (std): CONSTANT R ; CONSTANT RENE ; CONSTANT RENE DR ; RENE CONSTANT

Inventor(s): CONSTANT RENE DR MOL DONK BELGIEN ; R CONSTANT

Title: LIGHTNING PROTECTION DEVICE FOR INTERACTING WITH LEADER STROKE TO PREVENT RETURN STROKE

Abstract: An atmospheric electrode is charged by electrostatic induction from a leader stroke which is associated with lightning formation. The electrode is earthed through a varistor which becomes conductive when the value of the tension associated to the electric field at ground exceeds a pre-determined value. In this way, a destructive return stroke, which usually follows a leader stroke during lightning formation, is avoided.

Classifications:

International (IPC 8-9): H01C7/12 H02G13/00

H05F3/04 (Advanced/Invention);

H01C7/12 H02G13/00 H05F3/00 (Core/Invention)

International (IPC 1-7): H01C7/12 H02G13/00 H02H3/22 H05F3/04

CPC: H02G13/80 H02G13/00

European: H02G13/00

US: 174/3 361/117 361/126

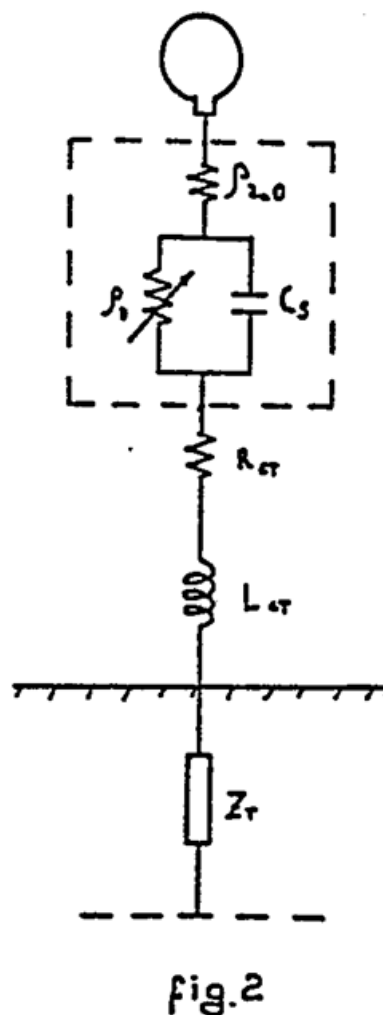
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5E034/EB10 5G067 5G067/AA11 5G067/AA70 5G067/CA05

5G067/DA01 5G067/DA02 5G067/DA33

JP F-Index: H01C7/12 H05F3/04/G

PatBase - US4926284_A



Family:

Publication number	Publication date	Application number	Application date
AT77515 E	19920715	AT19850102973T	19850314
DE3586214 D1	19920723	DE19853586214	19850314
EP0158150 A2	19851016	EP19850102973	19850314
EP0158150 A3	19870107	EP19850102973	19850314
EP0158150 B1	19920617	EP19850102973	19850314
IT1210093 A	19890906	IT19840044804	19840328
IT8444804 A0	19840328	IT19840044804	19840328
JP5041000 B4	19930622	JP19850066413	19850328
JP60225400 A2	19851109	JP19850066413	19850328
US4926284 A	19900515	US19850714684	19850321
ZA8502049 A	19851127	ZA19850002049	19850319

Priority:

IT19840044804 19840328 EP19850102973 19850314 US19850714684 19850321

Probable Assignee: ISPE DI PIERANGELA PARIANI AND C SAS

Assignee(s): (std): ERMINO GIANA E O ISPE SAS ; ETSUSE PIE DEI ERUMINIO JIANA ; ISPE S DI ERMINIO GIANA E AS ; I S P E S DI ERMINIO GIANA AS ; ISPE DI ERMINIO GIANA E C SAS ; I S P E DI PIERANGELA PARIANI ; ISPE PIERANGELA PARIANI AND C ; ISPE S A S DI ERMINIO GIANA E

Assignee(s): ISPE SAS DI ERMINIO GIANA EC ; I S P E DI PIERANGELA PARIANI AND C S A S VARESE IT ; ISPE DI PIERANGELA PARIANI AND C SAS ; ISPE SAS DI ERMINIO GIANA E C ; ISPE DI ERMINIO GIANA E CSAS ; ISPE S A S DI ERMINIO GIANA E C ; I S P E DI PIERANGELA PARIANI AND C S A S ; ISPE SAS DI ERMINIO GIANA EC VIA G MANELI 36 BUSTO ; I ETSUSE PIE DEI ERUMINIO JIANA E CHI ETSUSE SA ; I ETSUSE PIE DEI ERUMINIO JIANA E CHI SA ETSUSE ; ERMINIO GIANA AND C ISPE SAS

Inventor(s): (std): MENGHI EUGENIO ; MANGHI EUGENIO

Inventor(s): EUGENIO MANGHI ; EUGENIO MENGHI ; MANGHI EUGENIO VARESE IT ; MANGI EUGENIO

Designated states: AT BE CH DE FR GB IT LI LU NL SE

Title: LIGHTNING PROTECTION DEVICE: WET/DRY GLOW-BASED STREAMER INHIBITOR

Abstract: A lightning protection device for reducing exposure of an object to be protected from conventional and upward lightning strikes. The device includes a support structure adapted to be grounded and space charge producing conductors wound around the support structure and forming coils for producing space charge of opposite polarity to a cloud charge, in a proximity of the object to be protected. The space charge induces a charge on the object to be protected of an opposite polarity to a charge induced on the object to be protected by the cloud charge and inhibits a formation of streamers from the object to be protected. Each space charge producing conductor has a diameter not exceeding 0.1 mm for reducing a corona inception voltage of the support structure upon which each space charge producing conductor is wound, in both dry and wet conditions.

Classifications:

International (IPC 8-9): H01H47/00 H02G13/00 H05F1/00 H05F3/00 H05F3/02 H05F3/04 (Advanced/Invention); H02H1/00 H02H1/04 H02H3/00 H02H3/22 H02H9/06 (Advanced/Non-invention);

H01H47/00 H02G13/00 H05F1/00 H05F3/00

H05F3/02 (Core/Invention);

H02H1/00 H02H3/00 H02H3/20 H02H9/06 (Core/Non-invention)

International (IPC 1-7): H02G13/00 H05F3/00

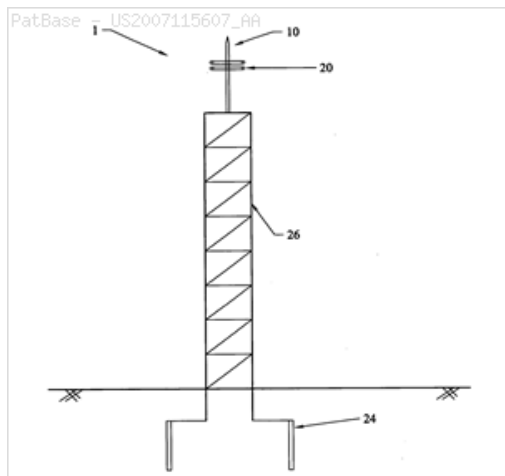
CPC: H02G13/80 H02G13/00

European: H02G13/00

US: 361/117 361/212 361/220 361/220P

JP F-Term: 5G067 5G067/AA11 5G067/DA32 5G373

JP F-Index: H02G13/00/C H02G13/00/040 H02G13/00/060 H02G13/00/080 H05F3/04/G



Family:

Publication number	Publication date	Application number	Application date
BRPI0619122 A2	20110913	BR2006PI19122	20060712
CA2577974 AA	20070223	CA20062577974	20060712
CA2577974 C	20080422	CA20062577974	20060712
CN101341640 A	20090107	CN200680048034	20060712
CN101341640 B	20110223	CN200680048034	20060712
EP1958306 A1	20080820	EP20060752904	20060712
EP1958306 A4	20160608	EP20060752904	20060712
IN02474KN2008 A	20090123	IN2008KN02474	20080619
IN274648 B	20160805	IN2008KN02474	20080619
JP2009516899 T2	20090423	JP20080541552T	20060712
JP4933560 B2	20120516	JP20080541552T	20060712
US2007115607 AA	20070524	US20060484782	20060712
US7468879 BB	20081223	US20060484782	20060712
WO07059600 A1	20070531	WO2006CA01145	20060712

Priority:

US20050738990P 20051123 US20060484782 20060712 US20060484782 20060712
WO2006CA01145 20060712

Probable Assignee: RIZK FAROUK A RIZK AMR

Assignee(s): (std): AMR RIZK ; RIZK AMR ; RIZK FAROUK A ; RIZK FAROUK A M ; RIZK FAROUK A RIZK AMR

Assignee(s): RIZK FAROUK AM ; RIZK FAROUK A M RIZK AMR ; FAROUK A M RIZK

Inventor(s): (std): AMR RIZK ; RIZK FAROUK A M ; RIZK FAROUK A ; RIZK AMR

Inventor(s): RIZK FAROUK AM ; FAROUK A M RIZK ; RIZK FAROUK

Agent(s): GOUDREAU GAGE DUBUC; ILGART JEAN CHRISTOPHE; ROBIC; LAVIN GONZALO; GONZALO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: LIGHTNING CONDUCTOR

Abstract: A lightning conductor having an electrically conductive surface element insulated from an earth rod. The surface element is substantially continuous, but has an aperture defining an air gap. The air gap is located near the top of the earth rod. In atmospheric conditions existing before lightning discharges, arcing occurs between the surface element and the earth rod. This creates plasma about the tip of the earth rod, leading to upward leader formation. A high impedance static drain may be connected between the surface element and the earth rod.

Classifications:

International (IPC 8-9): H01T19/00 H01T4/10

H02G13/00 (Advanced/Invention);

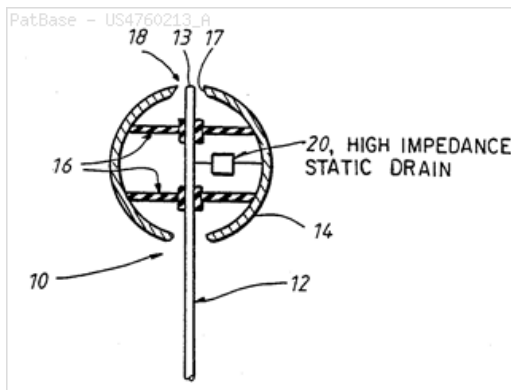
H01T19/00 H01T4/00 H02G13/00 (Core/Invention)

International (IPC 1-7): H01T19/00 H01T4/10 H02G13/00 H05F3/02

CPC: H02G13/80 H02G13/00

European: H02G13/00

US: 174/3 174/4R 361/138



Family:

Publication number	Publication date	Application number	Application date
AT87141 E	19930415	AT19860630187T	19861211
AU198666551 A1	19870625	AU19860066551	19861212
AU580698 B2	19890127	AU19860066551	19861212
CN1010150 B	19901024	CN19861008676	19861219
CN86108676 A	19870826	CN19861008676	19861219
DE3688056 D1	19930422	DE19863688056	19861211
DE3688056 T2	19930715	DE19863688056T	19861211
EP0228984 A2	19870715	EP19860630187	19861211
EP0228984 A3	19881109	EP19860630187	19861211
EP0228984 B1	19930317	EP19860630187	19861211
ES2040703 T3	19931101	ES19860630187T	19861211
IN168099 A	19910202	IN1986MA00989	19861218
NZ218723 A	19890224	NZ19860218723	19861219
PH24642 A	19900817	PH19860034632	19861219
US4760213 A	19880726	US19860943271	19861217

Priority:

AU1985PH03982 19851219

AU1986PH07528 19860815

AU19860066551 19861212

AU1986PH03982 19861219

Probable Assignee: ERICO INT CORP

Assignee(s): (std): GUMLEY J R ; GUMLEY JOHN RICHARD ; GUMLEY JOHN R

Assignee(s): GUMLEY JOHN RICHARD BELLERIVE TASMANIEN TASMANIA AU ; GUMLEY JR ; JOHN RICHARD GUMLEY ; ERICO INT ; ERICO INT CORP ; ERICO LIGHTNING TECHNOLOGIES PTY LTD ; GLOBAL LIGHTNING TECHNOLOGIES PTY LTD

Inventor(s): (std): GUMLEY JOHN RICHARD ; GUMLEY JOHN R

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Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

Title: LIGHTNING-PROTECTION FASTENER

Abstract: Provided is a lightning-protection fastener that is capable of reliably preventing peeling off of an insulation layer during the operation of an aircraft and of improving the anti-lightning-strike capability and reliability. There is a lightning-protection fastener that fastens a skin of an aircraft and a structural member positioned inside the skin, in which an insulation layer is melt adhered so as to cover one end surface of a head portion and also to mechanically engage with a fastener-side engagement portion (engagement portion) formed on the end surface.

Classifications:

International (IPC 8-9): B64C1/00 B64C1/12 B64D45/02 F16B33/00 F16B33/06 F16B35/00 F16B35/06 F16B37/14

F16B41/00 (Advanced/Invention);

B64C1/00 B64D45/02 F16B33/06 F16B35/00 (Advanced/Non-invention);
B64C1/00 B64D45/00 F16B33/00 F16B35/00 (Core/Invention)

International (IPC 1-7): B64C1/00

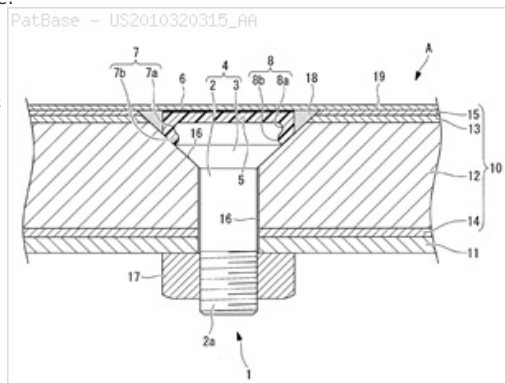
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European: B64D45/02 F16B33/00B F16B33/06 F16B35/06
F16B37/14

US: 204/196.18 244/1.00AP 244/132 244/1A 361/216 361/218
411/377

JP F-Term: 3D140 3J034 3D141

JP F-Index: B64C1/00/A F16B33/06/B B64D45/02 F16B41/00/Q
F16B41/00/R

**Family:**

Publication number	Publication date	Application number	Application date
BRPI0817281 A2	20150310	BR2008PI17281	20080925
CA2700615 AA	20100324	CA20082700615	20080925
CA2700615 C	20130924	CA20082700615	20080925
CN101808895 A	20100818	CN200880108704	20080925
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EP2184227 A1	20100512	EP20080833183	20080925
EP2184227 A4	20111012	EP20080833183	20080925
EP2184227 B1	20130109	EP20080833183	20080925
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Priority:

JP20070255438 20070928 EP20080833183 20080925 WO2008JP67230 20080925
JP20110029237 20110214 JP20110029238 20110214

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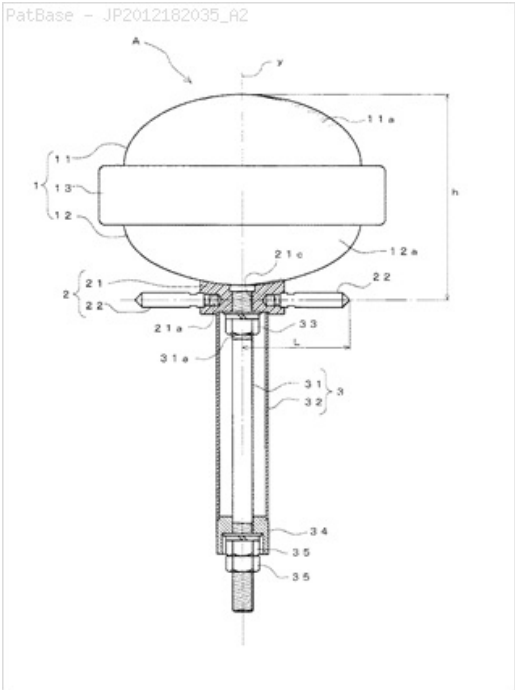
Agent(s): SMART AND BIGGAR; HENKEL FEILER AND HAENZEL; HENKEL BREUER AND PARTNER; VALLEJO JUAN PEDRO; WENDEROTH LIND AND PONACK LLP; FUJITA TAKAHARU ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: THUNDERBOLT RETARDATION ARRESTER

Abstract: PROBLEM TO BE SOLVED: To provide a thunderbolt retardation arrester which can exhibit thunderbolt retardation effect sufficiently for thunder in winter season while exhibiting thunderbolt retardation effect for thunder in summer season.SOLUTION: The thunderbolt retardation arrester comprises a lightning arrester electrode member 1 arranged on the uppermost part, a conductive rod member 2 provided under the lightning arrester electrode member 1, and a support member 3 supporting the lightning arrester electrode member 1 and the rod member 2. The lightning arrester electrode member 1 includes an upper electrode body 11, a lower electrode body 12, and an insulator 13 provided between the upper electrode body 11 and the lower electrode body 12.

Classifications:
International (IPC 8-9): H05F3/04 (Advanced/Invention)
JP F-Term: 5G067 5G067/DA31
JP F-Index: H05F3/04/F



Family:

Publication number	Publication date	Application number	Application date
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Priority:

JP20110044609 20110302

Probable Assignee: LIGHTNING SUPPRESSION SYSTEMS CO LTD
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