

Diego Gonzalez

1) Family number: 42650844 (US2009000802A)

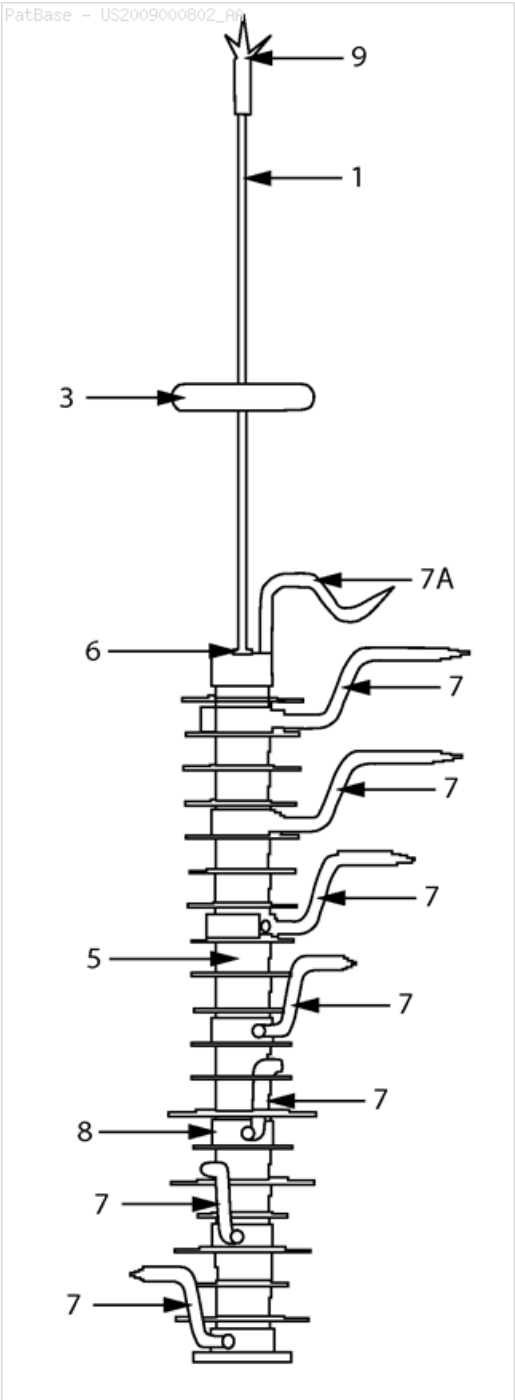
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Title: DEVICE TO ATTENUATE ATMOSPHERIC DISCHARGES

Abstract: The invention of the present application provides a device that comprises an assembly of a toroid and a rod with one or several pointed ends; and a filter system; wherein, around the pointed end or the pointed ends of the rod, an electrical field is formed with air ionization, wherein in the space around the toroid formation of electrical fields and air ionization are minimized, wherein the pointed end projects out above the toroid level, and wherein the filter system attenuates the electrical discharge of lightning rays. The device of the present invention is connected to a low resistance cable that goes to ground.

Classifications:

International (IPC 8-9): H01Q1/12 H01Q1/50 H01T1/00 H02G13/00
H05F H05F1/00 H05F3/00 H05F3/02 H05F3/04
H05H1/00 (Advanced/Invention);
H01Q1/12 H01Q1/50 H02G13/00 H05F1/00 H05F3/00 H05F3/02
H05H1/00 (Core/Invention);
H05F (Subclass/Invention)
International (IPC 1-7): H05F1/00 H05F3/02 H05F3/04
CPC: H02G13/00
European: H02G13/00
US: 174/2 174/3 174/5R 174/5SG 174/6 174/7 361/117



Family:

Publication number	Publication date	Application number	Application date
AR066838 AA	20090916	AR2008P102347	20080603
BRPI0811344 A2	20150616	BR2008PI11344	20080530
CA2693030 AA	20091204	CA20082693030	20080530

CL2008001610 A1	20080801	CL20080001610	20080603
CN101690415 A	20100331	CN200880023542	20080530
CN101690415 B	20130327	CN200880023542	20080530
CO6020013 A1	20090331	CO20070056217	20070604
CO6170399 A2	20100618	CO20090149182	20091230
EA015840 B1	20111230	EA20090071145	20080530
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IN04572KN2009 A	20100813	IN2009KN04572	20091231
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US2009000802 AA	20090101	US20080128275	20080528
US7786377 BB	20100831	US20080128275	20080528
WO08149208 A2	20081211	WO2008IB01437	20080530
WO08149208 A3	20090219	WO2008IB01437	20080530

Priority:

CO20070056217 20070604 US20080128275 20080528 WO2008IB01437 20080530
CO20090149182 20091230

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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 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 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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 19117244 (ES2111453A)

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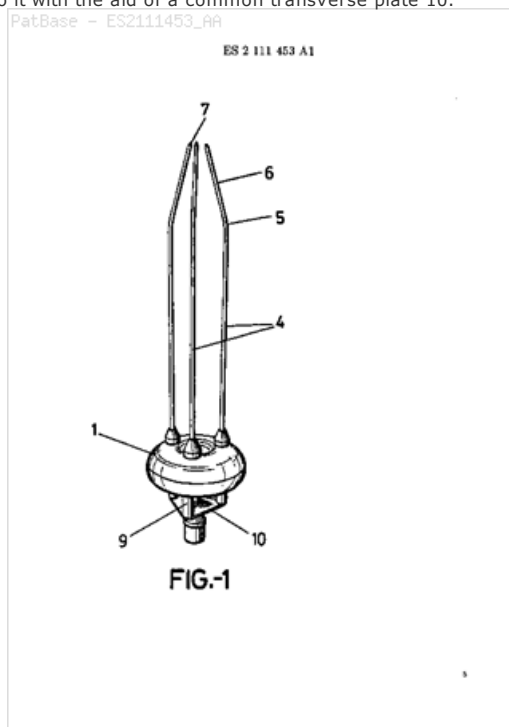
Title: Improvements in lightning arrester with priming device.

Abstract: Improvements in lightning arrester with priming device. In accordance with the improvements of the invention, the lightning arrester is formed from a casing 1 of toroidal configuration filled with an insulating material 2 in which a tracer anticipation device 3 is hermetically sealed, emerging from one of the parts of the casing 1 the rods 4 projecting upwards with converging end sections 6, while the support shaft and attachment for earthing emerge from the bottom part, insulated with respect to the casing 1 by means of some separators 9, linked to it with the aid of a common transverse plate 10.

Classifications:

International (IPC 8-9): H01T14/00 H02G13/00 (Advanced/Invention);
H01T14/00 H02G13/00 (Core/Invention)

International (IPC 1-7): H01T14/00 H02G13/00



Family:

Publication number	Publication date	Application number	Application date
ES2111453 AA	19980301	ES19950000619	19950329
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