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Publisher

Conference Location

Negative Ions from magnetically insulated diodes

R. Prohaska | E. Garate | A. Fisher | N. Rostoker

1994 10th International Conference on High-Power Particle Beams

Year: 1994 | Volume: 1

Negative Ions from magnetically insulated diodes

R. Prohaska; E. Garate; A. Fisher; N. Rostoker

1994 10th International Conference on High-Power Particle Beams

Year: 1994, Volume: 1

Pages: 443 - 446

IET Conferences

Abstract

(369 Kb)

Analysis of Axial Magnetic Field electrode applied to high voltage Vacuum Interrupters

Xiu Shixin | Pang Lei | Wang Jimei | Lin Jianfei | He Guangli

2006 International Symposium on Discharges and Electrical Insulation in Vacuum

Year: 2006 | Volume: 1

Analysis of Axial Magnetic Field electrode applied to high voltage Vacuum Interrupters

Xiu Shixin; Pang Lei; Wang Jimei; Lin Jianfei; He Guangli

2006 International Symposium on Discharges and Electrical Insulation in Vacuum

Year: 2006, Volume: 1

Pages: 317 - 320

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IEEE Conferences

Abstract

(3255 Kb)

Ion energy measurements in vacuum arc deposition

Lei Yang | Jiyan Zou | Zhongyuan Cheng | Xiuli Liang

Proceedings of 17th International Symposium on Discharges and Electrical Insulation in Vacuum

Year: 1996 | Volume: 2

Ion energy measurements in vacuum arc deposition

Lei Yang; Jiyan Zou; Zhongyuan Cheng; Xiuli Liang

Proceedings of 17th International Symposium on Discharges and Electrical Insulation in Vacuum

Year: 1996, Volume: 2

Pages: 937 - 940 vol.2

IEEE Conferences

Abstract

(212 Kb)

Prestrike characteristics when switching on inrush current in 40.5kV VIs with axial magnetic field

Haoqing Wang | Jinyang Lin | Xiangyang Li | Ning Liu | Yingsan Geng | Zhiyuan Liu

2017 4th International Conference on Electric Power Equipment - Switching Technology (ICEPE-ST)

Year: 2017

☐ **Prestrike characteristics when switching on inrush current in 40.5kV VIs with axial magnetic field**

Haoqing Wang; Jinyang Lin; Xiangyang Li; Ning Liu; Yingsan Geng; Zhiyuan Liu

2017 4th International Conference on Electric Power Equipment - Switching Technology (ICEPE-ST)

Year: 2017

Pages: 133 - 136

IEEE Conferences

Abstract (384 Kb)

Inrush current arc characteristics in vacuum interrupters with axial magnetic field contact and butt-type contact

Yun Geng | Yongxiang Yu | Yingsan Geng | Jianhua Wang | Zhiyuan Liu

2015 3rd International Conference on Electric Power Equipment – Switching Technology (ICEPE-ST)

Year: 2015

☐ **Inrush current arc characteristics in vacuum interrupters with axial magnetic field contact and butt-type contact**

Yun Geng; Yongxiang Yu; Yingsan Geng; Jianhua Wang; Zhiyuan Liu

2015 3rd International Conference on Electric Power Equipment – Switching Technology (ICEPE-ST)

Year: 2015

Pages: 512 - 515

IEEE Conferences

Abstract (354 Kb)

The development of a water-treeing test using laboratory moulded samples

J. -L. Parpal | C. Guddemi | N. Amyot | E. David | L. Lamarre

Electrical **Insulation** and Dielectric Phenomena, 1994., IEEE 1994 Annual Report., Conference on

Year: 1994

☐ **The development of a water-treeing test using laboratory moulded samples**

J. -L. Parpal; C. Guddemi; N. Amyot; E. David; L. Lamarre

Electrical **Insulation** and Dielectric Phenomena, 1994., IEEE 1994 Annual Report., Conference on

Year: 1994

Pages: 532 - 537

IEEE Conferences

Abstract (220 Kb)

Experimental Study on Deflection Behavior of Vacuum Arcs Under the Influence of External Transverse Magnetic Field

Shenli Jia | Zhonghao Qian | Lijun Wang | Wein Xin Shi | Jie Deng | Xiao Zhang | Zongqian Shi

IEEE Transactions on Plasma Science

Year: 2017 | Volume: 45 | Issue: 5

☐ **Experimental Study on Deflection Behavior of Vacuum Arcs Under the**

Influence of External Transverse Magnetic Field
Shenli Jia; Zhonghao Qian; Lijun Wang; Wein Xin Shi; Jie Deng; Xiao Zhang;
Zongqian Shi
IEEE Transactions on Plasma Science
Year: 2017, Volume: 45, Issue: 5
Pages: 868 - 874
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Abstract(2293 Kb)

Experimental study of anode current density distribution in high-current vacuum arcs

Hui Ma | Zhiyuan Liu | Zhenxing Wang | Yingsan Geng | Zaiqin Zhang
2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)
Year: 2014
☐ **Experimental study of anode current density distribution in high-current vacuum arcs**
Hui Ma; Zhiyuan Liu; Zhenxing Wang; Yingsan Geng; Zaiqin Zhang
2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)
Year: 2014
Pages: 249 - 252
IEEE Conferences

Abstract(611 Kb)

Investigation of vacuum arc characteristics in **cup**-type Axial Magnetic Field contacts with irons and without irons

Shixin Xiu | Quan Li | Defeng Xin | Fei Xie
24th ISDEIV 2010
Year: 2010
☐ **Investigation of vacuum arc characteristics in **cup**-type Axial Magnetic Field contacts with irons and without irons**
Shixin Xiu; Quan Li; Defeng Xin; Fei Xie
24th ISDEIV 2010
Year: 2010
Pages: 305 - 307
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Abstract(1841 Kb)

Research on the defect development of cable accessories under AC voltage

Xuefeng Zhao | Lu Pu | Long Xu | Xing Zhang | Baohong Guo | Aixuan Zhao | Junbo Deng | Guanjun Zhang | Ni Hui | Minghao Fan
2017 1st International Conference on Electrical Materials and Power Equipment (ICEMPE)
Year: 2017
☐ **Research on the defect development of cable accessories under AC voltage**
Xuefeng Zhao; Lu Pu; Long Xu; Xing Zhang; Baohong Guo; Aixuan Zhao; Junbo Deng; Guanjun Zhang; Ni Hui; Minghao Fan
2017 1st International Conference on Electrical Materials and Power Equipment (ICEMPE)
Year: 2017
Pages: 457 - 462
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Abstract(611 Kb)

Measurement and analysis of interfacial adhesion strength
between the silicone encapsulant and the side wall of a SMD
LED leadframe **cup**

Steven D. L. Zhong | Sam H. Y. Zou | Jeffery C. C. Lo | S. W. Ricky Lee
2013 14th International Conference on Electronic Packaging Technology
Year: 2013

- ☐ **Measurement and analysis of interfacial adhesion strength between the
silicone encapsulant and the side wall of a SMD LED leadframe **cup****

Steven D. L. Zhong; Sam H. Y. Zou; Jeffery C. C. Lo; S. W. Ricky Lee
2013 14th International Conference on Electronic Packaging Technology
Year: 2013
Pages: 612 - 616
IEEE Conferences

Abstract

(691 Kb)

An influence of an ambient magnetic field induced by a nearby
parallel conductor on high-current vacuum arcs

Xiaofei Yao | Jianhua Wang | Yingsan Geng | Zhiyuan Liu | Guowei Kong
2012 25th International Symposium on Discharges and Electrical **Insulation** in
Vacuum (ISDEIV)
Year: 2012

- ☐ **An influence of an ambient magnetic field induced by a nearby parallel
conductor on high-current vacuum arcs**

Xiaofei Yao; Jianhua Wang; Yingsan Geng; Zhiyuan Liu; Guowei Kong
2012 25th International Symposium on Discharges and Electrical **Insulation** in
Vacuum (ISDEIV)
Year: 2012
Pages: 337 - 340
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Abstract

(544 Kb)

Influence of shed parameters on the aging performance of
silicone rubber insulators in salt-fog

A. H. El-Hag | S. H. Jayaram | E. A. Cherney
IEEE Transactions on Dielectrics and Electrical **Insulation**
Year: 2003 | Volume: 10 | Issue: 4

- ☐ **Influence of shed parameters on the aging performance of silicone rubber
insulators in salt-fog**

A. H. El-Hag; S. H. Jayaram; E. A. Cherney
IEEE Transactions on Dielectrics and Electrical **Insulation**
Year: 2003, Volume: 10, Issue: 4
Pages: 655 - 664
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Abstract

(4335 Kb)

Influence of Gap Distance on the Arc Modes Transition of **Cup**
Type AMF Electrode

Cheng Shaoyong | Xiu Shixin | Wang Jimei | Li Xing
2006 International Symposium on Discharges and Electrical **Insulation** in
Vacuum
Year: 2006 | Volume: 1

- ☐ **Influence of Gap Distance on the Arc Modes Transition of **Cup** Type AMF
Electrode**

Cheng Shaoyong; Xiu Shixin; Wang Jimei; Li Xing

2006 International Symposium on Discharges and Electrical **Insulation** in Vacuum
Year: 2006, Volume: 1
Pages: 384 - 387
IEEE Conferences

Abstract (3063 Kb)

Adaptation of the L IMM technique data treatment to perform measurements in vacuum
V. Griseri | S. Bouchareb | L. Berquez
2012 Annual Report Conference on Electrical **Insulation** and Dielectric Phenomena
Year: 2012
☐ **Adaptation of the L IMM technique data treatment to perform measurements in vacuum**
V. Griseri; S. Bouchareb; L. Berquez
2012 Annual Report Conference on Electrical **Insulation** and Dielectric Phenomena
Year: 2012
Pages: 491 - 494
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Abstract (1034 Kb)

Experimental investigation of high current vacuum arc under non-uniformly distributed axial magnetic field
Zongqian Shi | Shenli Jia | Lijun Wang | Zheng Wang
XXIst International Symposium on Discharges and Electrical **Insulation** in Vacuum, 2004. Proceedings. ISDEIV.
Year: 2004 | Volume: 1
☐ **Experimental investigation of high current vacuum arc under non-uniformly distributed axial magnetic field**
Zongqian Shi; Shenli Jia; Lijun Wang; Zheng Wang
XXIst International Symposium on Discharges and Electrical **Insulation** in Vacuum, 2004. Proceedings. ISDEIV.
Year: 2004, Volume: 1
Pages: 221 - 224
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Abstract (335 Kb)

Onset voltage of negative corona in point-cup gaps
M. M. El-Bahy
Annual Report Conference on Electrical **Insulation** and Dielectric Phenomena
Year: 2002
☐ **Onset voltage of negative corona in point-cup gaps**
M. M. El-Bahy
Annual Report Conference on Electrical **Insulation** and Dielectric Phenomena
Year: 2002
Pages: 159 - 163
IEEE Conferences

Abstract (381 Kb)

3D numerical simulation of vacuum arc with anode vapor in actual magnetic fields

X. L. Huang | L. J. Wang | S. L. Jia | J. Deng | Z. H. Qian | Z. Q. Shi | H. Schellenkens | X. Godechot

2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)

Year: 2014

☐ **3D numerical simulation of vacuum arc with anode vapor in actual magnetic fields**

X. L. Huang; L. J. Wang; S. L. Jia; J. Deng; Z. H. Qian; Z. Q. Shi; H. Schellenkens; X. Godechot

2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)

Year: 2014

Pages: 265 - 268

IEEE Conferences

Abstract (900 Kb)

Design and development of a 40 kV Pierce electron gun

D. Bhattacharjee | R. Tiwari | D. Jayaprakash | R. L. Mishra | A. R. Tillu | B. Nayak | A. Waghmare | H. Sarukte | K. C. Mittal | L. M. Gantayet

2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)

Year: 2014

☐ **Design and development of a 40 kV Pierce electron gun**

D. Bhattacharjee; R. Tiwari; D. Jayaprakash; R. L. Mishra; A. R. Tillu; B. Nayak; A. Waghmare; H. Sarukte; K. C. Mittal; L. M. Gantayet

2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)

Year: 2014

Pages: 597 - 600

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Abstract (1068 Kb)

Effect of initial opening speed on the behavior of vacuum arcs driven by transverse magnetic fields (TMF)

Feng Dingyu | Xiu Shixin | Liu Gang | Zheng Jiahuan | Gan Yu'an

2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)

Year: 2014

☐ **Effect of initial opening speed on the behavior of vacuum arcs driven by transverse magnetic fields (TMF)**

Feng Dingyu; Xiu Shixin; Liu Gang; Zheng Jiahuan; Gan Yu'an

2014 International Symposium on Discharges and Electrical **Insulation** in Vacuum (ISDEIV)

Year: 2014

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Abstract (484 Kb)

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