

Analysis of the basic Schottky parameters for diffusion-welded aluminium contacts to p- and n-type SiC
Korolkov, Oleg; Ljutov, Jevgeni; Kuznetsova, Natalja; Ruut, Jana; **Rang, Toomas** BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 51-53 : ill

Characterization of Interfaces Between the Metal Film and Silicon Carbide Semiconductor = Metallkontakti ja ränikarbiidi vahelise liidespinna karakteriseerimine

Ziko, Mehadi Hasan 2021 <https://digikogu.taltech.ee/et/Item/34be534c-63e8-4013-b271-eaf1a7cb22e7>
https://www.ester.ee/record=b5471196*est <https://doi.org/10.23658/taltech.52/2021>

Contact manufacturing technologies for wide band-gap semiconductor materials (invited)

Rang, Toomas BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 17-28: ill

Current suppressing effect in alloy metal and 6H-SiC substrate Schottky contacts

Rang, Toomas; Blum, Alfons BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 81-84: ill

FEA wear simulation of a spinning contact

Põdra, Priit; Tamre, Mart; Andersson, Sören OST-95 Symposium on Machine Design : proceedings, Oulu, Finland, May 18-19, 1995 1995 / p. 98-105: ill https://www.ester.ee/record=b1033949*est

Interfaces to 6H-SiC substrates - technology and simulation

Rang, Toomas; Blum, Alfons Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 4, p. 250-259: ill

Nõrgavoolu liugekontaktide triboloogia : väitekiri ... magistri kraadi taotlemiseks

Jakobson, Mart 1998 https://www.ester.ee/record=b2687184*est

Preliminary investigation of diffusion welded contacts to p-type 6H-SiC

Korolkov, Oleg; Rang, Toomas; Kuznetsova, Natalja; Ruut, Jana BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 55-56 : ill

Reducing of sparking caused by the parametric modulation of sliding electric contact unit at synchronous machine

Kozyreva, Oksana; Plokhov, Igor; Kotkov, Nikita; **Gevorgov, Levon; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants** 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 236-239 : ill http://ise.elnet.ee/record=b2950145~S2*est

The diffusion welded contacts in power electronics and electrotechnics

Korolkov, Oleg Telekommunikatsioon '98 : rahvusvahelise telekommunikatsioonipäeva konverentsi ettekannete materjalid, 15. mai 1998 1998 / lk. 84-86: ill

The self-heating phenomenon in Schottky diode

Kurel, Raido Ringhääling '99 : VI Rahvusvahelise Telekommunikatsioonipäeva konverentsi ettekannete materjalid 1999 / lk. 90-94: ill

The specificity of solid-phase interaction of aluminium with silicon carbide in the manufacture of diffusion-welded contacts to semiconductor devices

Sleptšuk, Natalja; Korolkov, Oleg; Toompuu, Jana; Rang, Toomas; Mikli, Valdek Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 45-48 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/2610>

Two-dimensional nonisothermal analysis of the current crowding effect at nonuniform SiC Schottky contacts using device simulator DYNAMIT-2DT

Kurel, Raido; Udal, Andres BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 51-54 : ill

Uut tüüpi kaablikingade toitmise

Bogdanov, I.; Žuravljov, B.; Risthein, Endel XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 107 https://www.ester.ee/record=b1322611*est

Автоматизация оборудования для сборки контактной системы электропереключателя

Eiskop, Jaanus; **Reedik, Vello** 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция САПР в машиностроении [и др.] 1991 / с. 42

Определение концентрационного профиля с помощью двух выпрямляющих контактов

Mankin, Romi; Paat, Aadu Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 29-33 : ил https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/Item/9447de85-407e-426e-843d-2f0c98097f4e>

Способ и приборные средства для исследования триботехнических характеристик миниатюрных направляющих и скользящих электрических контактов

Ajaots, Maido; Möldre, Heino Скользящие электрические контакты : сборник научных трудов. Ч. 1 1988 / с. [46-49]

Термоэлектродвижущая сила магнитоуправляемых контактов

Peterson, Jaak Труды по электротехнике и автоматике : сборник статей. 10 1972 / с. 155-162 : илл

https://www.eester.ee/record=b2190520*est <https://digikogu.taltech.ee/et/Item/49449c41-8f8a-4846-93fd-8f149889ec73>