

List of Publications by Diethard Hansen

1984 till 1980

Gas Discharge Physics and related Subjects

(3 HMI Patents-after 1983/85- on fast ns-HV-Pulse Generator not listed)

General Patent (BBC/ABB/EURO EMC SERVICE (EES) Dr. Hansen GmbH) info on “**Diethard Hansen**” as inventor (-> 62 Pat. –Status 2003 in total) may be obtained free of charge from <http://ep.espacenet.com>

click: (Quick Searches), The Patent Office-worldwide –30 Million docs,

search in publ. Patent applications throughout the world, under Inventor: “Diethard Hansen”

Publications written under Hahn Meitner Institute for Nuclear Research Berlin Germany

1984 –1980

10	D. Hansen, H. Jungblut, H. Krüger-Elenchwajg, M. Martin “Messung des dynamischen Ansprechverhaltens von schnellen, gasgefüllten Überspannungsableitern mit HV-Pulsen im Nanosekundenbereich“ Elektronik, Juni 84, Germany , 1984
9	D. Hansen, H. Jungblut, W.F. Schmidt “Electron Detachment from negative Ions in SF₆ and its Importance to Electric Breakdown” 16 th Int. Conf. On Phenomena in Ionized Gases , Düsseldorf, F.R.G. , Sept. 1983
8	D. Hansen, M. Wilhelm “A Precise 30 kV High Voltage Impulse Generator” accepted for publication in Rev. Scientific Instruments. USA , 1983.
7	D. Hansen, H. Jungblut, W.F. Schmidt “Electron Detachment from negative Ions in SF₆” Submitted/accepted to Journal of applied Physics: Phys. D. USA , March 1983
6	D. Hansen, H. Jungblut, W.F. Schmidt “ Der Einfluss der Vorionisation auf den Zündzeitpunkt von Schwefelhexafluorid” Submitted /accepted for publication top ETZ-A, Germany , 1982
5	Th. Aschwanden, H. Böttcher, D. Hansen, H. Jungblut, W.F. Schmidt “Mobility and Recombination of the Ions and their Effective Ionization Coefficient in Hexafluoride Propene (C₃ F₆)” <u>Gaseous Dielectrics III</u> , ed. by L.G. Christophorou, Pergamon Press, N.Y., USA , 1982
4	Y. Safar, A.H. Qureshi, D. Hansen, N. Malik “The Influence of Impulse Corona on the subsequent Breakdown of SF₆

	Insulation” Paper No. 81032, IEEE, Int. Electrical Electronics Conf. + Expo, Toronto, Canada , Oct. 1981
3	W.F. Schmidt, H. Jungblut, D. Hansen “Temperature Dependence of Ion Recombination in SF₆“ 15 th Int. Conf. On Phenomena in Ionized Gases, Minsk, USSR , July 1981
2	W.F. Schmidt, H. Jungblut, D. Hansen, H. Tagashira “Ion Mobility and Recombination in Compressed Electro-Negative Gases” 6 th intern. Conference on Gas Discharges and their Applications, IEE, Edinburgh, UK , 8-11. Sept. 1980
1	W.F. Schmidt, H. Jungblut, D. Hansen, H. Tagashira “Ionic and electronic processes in sulfur hexaflourid”” <u>Gaseous Dielectrics II</u> , ed. by L.G. Christophorou, Pergamon Press, N.Y. p 1-11, USA, 1980