

Title (en)
DIAMOND ELECTRODES

Title (de)
DIAMANTENELEKTRODEN

Title (fr)
ÉLECTRODES EN DIAMANT

Publication
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Application
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Abstract (en)
[origin: WO2006013430A1] The use of lightly doped CVD diamond layers in heavily doped CVD diamond electrodes controls the erosion mechanisms that cause significant loss of mass and thickness of the electrodes in electrochemical applications. A thin surface layer of lightly doped CVD diamond with relatively low electrical conductivity is tolerable, and in some circumstances beneficial, to the electrochemical process provided that the overall impedance of the system is not radically increased.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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