

Title (en)

METHOD FOR THE PRODUCTION OF IRIIDIUM OXIDE COATINGS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BESCHICHTUNGEN AUS IRIIDIUMOXIDEN

Title (fr)

PROCEDE POUR REALISER DES REVETEMENTS EN OXYDE D'IRIDIUM

Publication

EP 1730328 A2 20061213 (DE)

Application

EP 05735009 A 20050309

Priority

- DE 2005000399 W 20050309
- DE 102004015633 A 20040331

Abstract (en)

[origin: WO2005095671A2] Disclosed is a method for producing iridium oxide coatings, comprising the following steps: a) colloidal IrOX, wherein x represents a number from 1 to 2, is applied to a surface; b) the coated surface is dried; and c) the surface is burned at a temperature ranging between 300 and 1000 °C. Steps a) to c) can be repeated until the desired layer thickness has been obtained. Using colloidal IrOX as an initial component for producing IrOX coatings prevents toxic gases from forming during the burning process.

IPC 8 full level

C25B 11/04 (2006.01); **C01G 55/00** (2006.01); **C23C 18/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2005095671A2

Citation (examination)

EP 0898318 A2 19990224 - MATSUSHITA ELECTRIC IND CO LTD [JP]

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Designated extension state (EPC)

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