

Title (en)

ELECTRICALLY RESISTANT DIAMOND-BASED COMPONENT

Title (de)

ELEKTRISCHES WIDERSTANDS-BAUELEMENT AUF DIAMANTBASIS

Title (fr)

COMPOSANT DE TYPE RESISTANCE ELECTRIQUE A BASE DE DIAMANT

Publication

EP 1516359 A2 20050323 (DE)

Application

EP 03720555 A 20030507

Priority

- DE 10220360 A 20020507
- EP 0304792 W 20030507

Abstract (en)

[origin: WO03096357A2] Disclosed is an electrically resistant component comprising diamond which is electrically conducting in the resistance area, and a method for the production thereof. The resistance area can be configured as a resistant layer on top of a substrate while said substrate can be made at least in part of electrically non-conducting diamond.

IPC 1-7

H01L 21/02

IPC 8 full level

H01C 7/00 (2006.01); **H01C 13/00** (2006.01); **H01C 17/06** (2006.01); **H01C 17/08** (2006.01); **H01L 21/02** (2006.01)

CPC (source: EP US)

H01L 28/22 (2013.01 - EP US)

Citation (search report)

See references of WO 03096357A2

Citation (examination)

- WO 0111661 A2 20010215 - EMC TECHNOLOGY INC [US]
- WO 9918606 A1 19990415 - MERCKLE GMBH [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03096357 A2 20031120; WO 03096357 A3 20040205; AU 2003224148 A1 20031111; AU 2003224148 A8 20031111; DE 10220360 A1 20031127; DE 10220360 B4 20060921; EP 1516359 A2 20050323; JP 2005524986 A 20050818; US 2005224806 A1 20051013; US 7393717 B2 20080701

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