

Title (en)

Structured surface with pointed elements

Title (de)

Strukturierte Oberfläche mit spitzenförmigen Elementen

Title (fr)

Surface structurée avec éléments en forme de pointe

Publication

EP 0780871 B1 19991027 (DE)

Application

EP 96810856 A 19961209

Priority

CH 365195 A 19951222

Abstract (en)

[origin: EP0780871A1] The structured surface has a carrier layer (12) to which a number of projecting elements (14) are electrically connected. Each projecting element has a cylindrical or truncated conical shaft section (16) joined to the carrier layer and between 2 and 4 pointed elements (20) at its free end. The carrier layer and/or the projecting elements are formed from one or elements in the group containing Ni, Al, Pd, Pt, W, Fe, Ta, Rh, Cd, Cu, Au, Ag, In, Co, Sn, Si, Ge, Se and Te, with an electrically insulating mechanical protection layer (15) applied to the surface of the carrier layer between the projecting elements.

IPC 1-7

H01J 1/30; **H01J 9/02**

IPC 8 full level

H01J 1/304 (2006.01); **H01J 9/02** (2006.01)

CPC (source: EP US)

H01J 1/3042 (2013.01 - EP US); **H01J 9/025** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0780871 A1 19970625; **EP 0780871 B1 19991027**; CH 690144 A5 20000515; DE 59603481 D1 19991202; JP 3267883 B2 20020325; JP H09180626 A 19970711; US 5811917 A 19980922; US 5975976 A 19991102

DOCDB simple family (application)

EP 96810856 A 19961209; CH 365195 A 19951222; DE 59603481 T 19961209; JP 34284596 A 19961224; US 6905898 A 19980428; US 76184896 A 19961209