

Title (en)

COATED PRODUCT AND PRODUCTION METHOD

Title (de)

BESCHICHTETES PRODUKT UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

PRODUIT DOTÉ D'UN REVÊTEMENT ET PROCÉDÉ DE FABRICATION

Publication

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Application

EP 18711237 A 20180301

Priority

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Abstract (en)

[origin: WO2018166802A2] The invention relates to a method for producing a product, a crucible and a use of a layer of crystalline silicon nitride, wherein the product is made of a material consisting predominantly of carbon or a ceramic material, wherein the product is coated with a surface layer by means of chemical gas phase deposition (CVD), wherein the product is coated with a surface layer of at least semi-crystalline, preferably crystalline silicon nitride (Si₃N₄), and wherein the surface layer is formed on the product at a process temperature of more than 1100 °C to 1700 °C.

IPC 8 full level

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