

Title (en)

METHOD FOR PRODUCING A COATING ON AN OBJECT AND CORRESPONDINGLY PRODUCED COATED BODY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BESCHICHTUNG AUF EINEM OBJEKT UND ENTSPRECHEND HERGESTELLTER BESCHICHTETER KÖRPER

Title (fr)

PROCÉDÉ DE FABRICATION D'UN REVÊTEMENT SUR UN OBJET ET CORPS REVÊTU FABRIQUÉ DE MANIÈRE CORRESPONDANTE

Publication

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Application

**EP 23701226 A 20230112**

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- AT 2023060008 W 20230112

Abstract (en)

[origin: WO2023164731A1] The invention relates to a method for producing a coating on an object, in particular a cutting insert such as a cutting plate for machining processes, wherein a coating with one or more coating layers is applied to the object, wherein at least one Al<sub>1-x</sub>Ti<sub>x</sub>N coating layer is deposited by means of a CVD method, wherein nitrogen in the Al<sub>1-x</sub>Ti<sub>x</sub>N coating layer can be partially substituted. In order to obtain a coating layer with as high a proportion of cubic phases as possible, it is provided according to the invention that the Al<sub>1-x</sub>Ti<sub>x</sub>N coating layer is deposited in the presence of a sulfur-containing gas. The invention further relates to a correspondingly produced coated body.

IPC 8 full level

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