

Title (en)

HYDROGEN-FREE CARBON COATING HAVING ZIRCONIUM ADHESIVE LAYER

Title (de)

WASSERSTOFFFREIE KOHLENSTOFFBESCHICHTUNG MIT ZIRKONIUM HAFTSCHICHT

Title (fr)

REVÊTEMENT EN CARBONE EXEMPT D'HYDROGÈNE COMPRENANT UNE COUCHE ADHÉSIVE DE ZIRCONIUM

Publication

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Application

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Abstract (en)

[origin: WO2017148582A1] The invention relates to a coated substrate having a hard material coating, comprising a hard carbon layer of the hydrogen-free amorphous type, wherein the coating comprises a layer between the substrate and the hydrogen-free amorphous carbon layer, consisting of zirconium, and wherein a layer consisting of Zr-Cx can be formed between the zirconium layer and the hydrogen-free amorphous carbon layer, in which a zirconium-monocarbide is formed, and wherein the layer consisting of Zr-Cx and comprising zirconium-monocarbide is applied directly to the zirconium adhesive layer.

IPC 8 full level

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Citation (search report)

See references of WO 2017148582A1

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