

Title (en)
TEMPERABLE COATINGS HAVING DIAMOND-LIKE CARBON AND DEPOSITION BY MEANS OF HIGH-POWER IMPULSE MAGNETRON SPUTTERING

Title (de)
TEMPERBARE BESCHICHTUNGEN MIT DIAMANTÄHNLICHEM KOHLENSTOFF UND ABSCHIEDUNG DURCH HOCHLEISTUNGsimpulsmagnetronspattern

Title (fr)
REVÊTEMENTS POUVANT ÊTRE TREMPÉS COMPRENANT DU CARBONE SOUS FORME DE DIAMANT AMORPHE ET DÉPÔT PAR PULVÉRISATION CATHODIQUE MAGNÉTRON À IMPULSIONS HAUTE PUISSANCE

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Abstract (en)
[origin: WO2021032493A1] The invention relates to a method for producing a substrate having a coating comprising a layer of diamond-like carbon (DLC), the method comprising the application of the following layers to the substrate in this order: a) a layer of DLC, b) optionally a release layer composed of one or more plies, each ply being, independently, a metal ply or a nitride ply, and c) optionally an oxidation protection layer, the layer of DLC being deposited by magnetron PECVD by means of high-power impulse magnetron sputtering (HiPIMS).

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