

Title (en)
SUBSTRATE COATED WITH AT LEAST ONE DIAMOND-LIKE CARBON LAYER PROTECTED BY A GERMANIUM OR GERMANIUM OXIDE TEMPORARY LAYER

Title (de)
SUBSTRAT BESCHICHTET MIT MINDESTENS EINER DIAMANTARTIGEN KOHLENSTOFFSCHICHT, DIE DURCH EINE GERMANIUM- ODER GERMANIUMOXID-TEMPORÄRSCHICHT GESCHÜTZT IST

Title (fr)
SUBSTRAT REVÊTU D'AU MOINS UNE COUCHE DE CARBONE DE TYPE DIAMANT PROTÉGÉE PAR UNE COUCHE TEMPORAIRE À BASE DE GERMANIUM OU À BASE D'OXYDE DE GERMANIUM

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Abstract (en)
[origin: WO2023275493A1] The present invention relates to a substrate coated with a stack of layers comprising the following series of layers, starting from the surface of said substrate: - a layer of diamond-like carbon DLC; - a germanium or germanium oxide layer having a thickness of between 2 and 40 nm, preferably between 2 and 20 nm, said germanium or germanium oxide layer comprising less than 20% tin; and - optionally, an oxygen barrier layer. The present invention also relates to a method for manufacturing a heat-treated substrate coated with a stack of layers, as described above, comprising at least one layer of diamond-like carbon DLC.

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