

Title (en)

SLIDING MEMBER HAVING A THERMALLY SPRAYED COATING AND METHOD FOR PRODUCING SAME

Title (de)

GLEITELEMENT MIT THERMISCH GESPRITZTER BESCHICHTUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ÉLÉMENT GLISSANT DOTÉ D'UN REVÊTEMENT DÉPOSÉ PAR PULVÉRISATION THERMIQUE ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

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Application

EP 10713667 A 20100415

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Abstract (en)

[origin: WO2011012336A1] The invention relates to a sliding member for an internal combustion engine, comprising: a substrate; and a coating, obtainable by thermally spraying a powder, comprising the element proportions of 55 to 75 wt % of chromium, Cr; 3 to 10 wt % of silicon, Si; 18 to 35 wt % of nickel, Ni; 0.1 to 2 wt % of molybdenum, Mo; 0.1 to 3 wt % of carbon, C; 0.5 to 2 wt % of boron, B; and 0 to 3 wt % of iron, Fe.

IPC 8 full level

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CPC (source: EP US)

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