

Title (en)
COATING FOR COMPONENTS OF INTERNAL COMBUSTION ENGINES

Title (de)
BESCHICHTUNG FÜR BAUTEILE VON BRENNKRAFTMASCHINEN

Title (fr)
REVÊTEMENT POUR COMPOSANTS DE MOTEURS À COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: WO2016059237A2] The invention relates to a coating for components of internal combustion engines, in particular for cylinder and/or piston surfaces, the coating comprising chromium with a mass fraction of between 1 and 30%, preferably between 5 and 20%, in particular 11%, the coating comprising iron with a mass fraction of between 0 and 50%, preferably between 15 and 35%, in particular 25%, the coating comprising carbides and/or oxides with a mass fraction of between 0 and 50%, preferably between 15 and 35%, in particular 25%, and the coating comprising a solid lubricant with a mass fraction of between 0 and 30%, preferably between 5 and 15%, in particular 10%.

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