

Title (en)

LAYERED THERMAL BARRIER COATING AND COATING METHOD

Title (de)

GESCHICHTETE WÄRMESPERRENBESCHICHTUNG UND BESCHICHTUNGSVERFAHREN

Title (fr)

REVÊTEMENT EN COUCHES FORMANT BARRIÈRE THERMIQUE ET PROCÉDÉ DE REVÊTEMENT

Publication

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Application

EP 14833406 A 20141117

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Abstract (en)

[origin: WO2015072945A1] The present invention relates to a layered thermal barrier coating (1); which enables to increase the useful heat that will be utilized by reducing the heat transfer to the cooling and lubricating system via the cylinder head (H), piston (P), valve (V), exhaust/intake port (E) and cylinder wall (C) components in diesel engines (D); prevents penetration of unburned fuel to the porous surface formed due to the porous structure of the thermal barrier coating; and additionally can prevent wearing of the cylinder head (H), piston (P), valve (V), exhaust/intake port (E) and/or cylinder wall (C) components; and to a method for providing this coating (1).

IPC 8 full level

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