

Title (en)
A COATING SYSTEM AND METHOD

Title (de)
BESCHICHTUNGSSYSTEM UND -VERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉ DE REVÊTEMENT

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EP 3161177 A1 20170503 (EN)

Application
EP 15770981 A 20150626

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Abstract (en)
[origin: WO2016003378A1] The present invention relates to a coating system (1) and method (100), which is applied to the surfaces of the diesel engines' cylinder head, exhaust/intake valves, exhaust/intake ports and/or pistons that are exposed to combustion gases. The objective of the present invention is to obtain a completely smooth coating top surface where oil and/or fuel absorption risk is eliminated and the potential mechanical damages that might occur in the other engine members by the risk of detachment of a powder and/or particle from the ceramic layer are prevented as a result of resolidifying the ceramic based thermal barrier coating surface by laser glazing method.

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