

Title (en)
METHOD FOR MANUFACTURING AN ENVIRONMENTAL BARRIER

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER UMWELTBARRIERE

Title (fr)
PROCEDE DE FABRICATION D'UNE BARRIERE ENVIRONNEMENTALE

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Application
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Priority

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Abstract (en)
[origin: WO2022003273A1] The invention relates to a method for manufacturing (100) an environmental barrier comprising the steps of coating (102) a rare earth silicate powder with a precursor of a densification agent in order to form a rare earth silicate powder coated with the precursor of the densification agent, thermally spraying (104) the coated powder onto a substrate in order to obtain an at least partially amorphous environmental barrier on the substrate, and thermally treating (106) the environmental barrier in order to crystallise and densify same.

IPC 8 full level
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Citation (search report)
See references of WO 2022003273A1

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