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THERMAL BARRIER COATING MATERIAL

ABSTRACT OF THE DISCLOSURE



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A coating material, particularly a thermal barrier coating (26), for a component (10) intended for use in a hostile environment, such as the superalloy turbine, combustor and augmentor components of a gas turbine engine. The coating material is zirconia that is partially stabilized with yttria and to which lanthana, neodymia and/or tantala are alloyed to increase the impact resistance of the coating.

Figure 2