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(54) Title: LOW THERMAL CONDUCTIVITY, CMAS-RESISTANT THERMAL BARRIER COATINGS

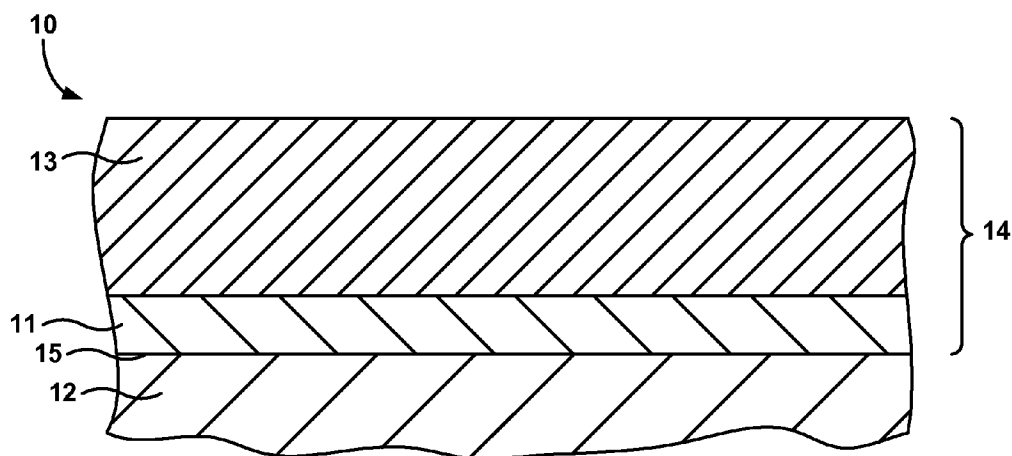


FIG. 1

(57) Abstract: A thermal barrier coating composition including a base oxide; a primary dopant including ytterbia; a first co-dopant including samaria; and a second co-dopant including at least one of lutetia, scandia, ceria, gadolinia, neodymia, or europia.

WO 2009/091724 A1