

ABSTRACT

METHOD FOR OBTAINING A ZIRCONIA-BASED
ARTICLE HAVING A GOLD METALLIC APPEARANCE

The invention concerns a method for obtaining a finished or semi-finished zirconia-based article, the article having a gold metallic external appearance, characterised in that it includes the steps of :

- providing at least one zirconia article previously shaped into its finished or semi-finished shape;
- partially reducing the zirconia forming said article;
- placing said article in a reaction vessel in which a plasma is generated from ammonia, or a mixture of nitrogen and hydrogen, or a combination of this gas and this mixture; and
- maintaining said article in the plasma for a period of at least 5 minutes, while adjusting the conditions so that the average temperature of the article is settled between 500 and 900°C.