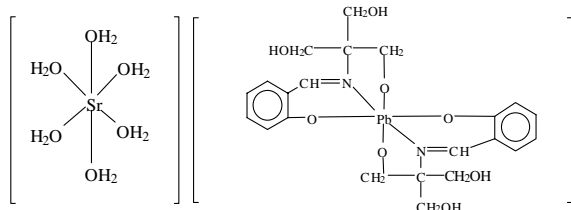


98-0060

The invention relates to a process for obtaining the strontium metaplumbate SrPbO_3 polycrystalline ceramics of rhomboidal modification from the heterometallic arylidenaminoalcoholate coordination compound. The invention may be used in radioelectronics.

Summary of the invention consists in development of process for obtaining the SrPbO_3 rhomboidal modification polycrystalline ceramics by low temperature pyrolysis of precursor compound containing lead and strontium with further high temperature treatment. A new heterometallic complex of hexaquastrontium(II) bis[2-(aminosalicylidenato)-2-oxidomethyl-(1,3-propandiol) (2-)-*O,N,O'*]plumbate(II) of formula:



is used as precursor.

The technical result consists in decreasing the pyrolysis temperature of precursor having required metal ratio for ceramics.

Claims: 1