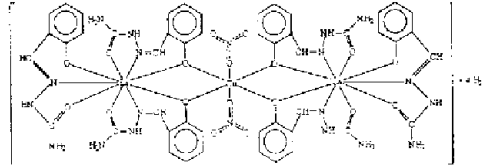


**98-0092**

The invention relates to a process for lanthanum cuprate  $\text{La}_2\text{CuO}_4$  polycrystalline ceramics of monoclinic modification from the coordination compound of heterometallic o-oxiarylidenesemicarbazidates class and may be used in radioelectronics.

Summary of the invention consists in the process for obtaining  $\text{La}_2\text{CuO}_4$  by lanthanum-copper coordination compound pyrolysis, where as a starting material is used heterometallic salicylidensemicarbazidate, namely, tetrahydrate of di[tris(salicylidensemicarbazidato)lanthanum]dinitrato-copper, having formula:



The proposed material forms a  $\text{La}_2\text{CuO}_4$  polycrystalline powder after low temperature pyrolysis and further shortly high temperature treatment.

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

Claims: 1