

REMOVAL OF RADIONUCLIDES FROM TITANIUM BEARING ORES**ABSTRACT**

An improved process for beneficiating a titanium bearing material which comprises the steps of reductively roasting the titanium bearing material followed by leaching in a mineral acid leach, wherein the improvement comprises subjecting the titanium bearing material to a heat treatment in an aqueous solution of a mineral acid to remove radionuclide impurities before reductive roasting.

FIGURE 1