

HIGH PURITY SYNTHETIC FLUORITE, PROCESS FOR PREPARING THE SAME AND APPARATUS THEREFOR

ABSTRACT

The present invention relates to a high purity synthetic fluorite (CaF_2). The present invention further relates to a process and an apparatus for preparing said high purity synthetic fluorite (CaF_2), classified as acid grade, starting from fluorosilicic acid H_2SiF_6 (FSA) and calcium carbonate (CaCO_3). Finally, the present invention relates to the use of said high purity synthetic fluorite (CaF_2) in the industrial production of hydrofluoric acid.

[Figure 1]