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Abstract

NF<sub>3</sub> PRODUCTION REACTOR

5 A process for the production of nitrogen trifluoride by reacting fluorine gas and liquid ammonia acid fluoride in a first reaction zone having a relatively low energy input followed by treatment of the resulting reaction product in a second reaction zone having a relatively high energy input. The resulting crude nitrogen trifluoride product may be further treated with fluorine gas under elevated temperatures to improve yield of the desired product.

Figure 1