

Abstract of the disclosure

Process and filter for preparing NO₂-free nitrogen monoxide using sulfur-containing polymers

The process and the filter for preparing NO₂-free nitrogen monoxide are based on contacting an NO₂-containing gas or an NO -containing liquid with a material which contains a sulfur-containing polymer. Sulfur-containing polymers are, for example, poly(arylene thioethers), in particular poly(phenylene sulfide). The process or the filter can be used for generating NO₂-free nitrogen monoxide/nitrogen/air mixtures for medical applications.