Effect of heterometallic homogeneous electron mediators on continuous N_2O gas removal: An electrochemical and electroscrubbing

문일식[†], A.G. Ramu, G. Muthuraman 순천대학교 (ismoon@sunchon.ac.kr[†])

 N_2O gas removal generally done by high temperature catalytic process. Here in, a room temperature electroscrubbing method was developed to remove N2O gas. A combination of homogeneous mediator precursors such as $[N(\mathbb{D}(CN_4]^{2^-}+[Fe(\mathbb{D}(CN_6]^{4^-},[N(\mathbb{D}(CN_4]^{4^-}+[Fe(\mathbb{D}(CN_6]^{4^-},[N(\mathbb{D}(CN_4]^{4^-}+[Fe(\mathbb{D$

Keywords: N₂O removal, MER, heteometallic electron mediators, Electro-scrubbing