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(54) Title: AMMONIA OXIDATION CATALYST COMPRISING ALUMINIUM OXIDE, BISMUTH OXIDE AND MANGANESE OXIDE		
(57) Abstract Catalyst claimed to be used to produce nitrous oxide by ammonia oxidation with oxygen. The invention aims at providing catalysts exhibiting a high activity, when oxygen content in reaction mixture is close or lower the stoichiometry one, and high selectivity towards nitrous oxide and low selectivity towards nitrogen oxides. The catalyst composition is as follows, mass. %: manganese oxide (referred to MnO₂) 5.0-35.0; bismuth oxide 4.5-30.0; aluminium oxide 35.0-90.5; specific surface area is 5-80 m²/g.		