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(54) Title: METHOD FOR THE OXIDATION OF BENZENE AND/OR TOLUENE TO PHENOL AND/OR CRESOLS			
(57) Abstract The invention relates to the field of organic synthesis, more specifically to a method for the production of phenol and cresol by the direct selective oxidation of benzene and toluene with nitrous oxide in the presence of a heterogeneous catalyst. Commercial high-silica zeolites are first calcined at a temperature of 500-950°C sufficient to dehydroxylate it. It is then modified by the addition of modifying agents - zinc ions or zinc oxide - by applying a zinc compound to it. The catalyst is then activated in air or an inert gas at 300-850 °C. The mixture of benzene or toluene with the nitrus oxide is brought into contact with the modified catalyst at 225 to 500 °C.			


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