

Title (en)

AN OXIDATION CATALYST FOR NH₃ AND AN APPARATUS FOR TREATING SLIPPED OR SCRIPPEDD NH₃

Title (de)

OXIDATIONSKATALYSATOR FÜR NH₃ UND VORRICHTUNG ZUR BEHANDLUNG VON DURCHGESCHLÜPFTEM ODER GESCRIPPTEM NH₃

Title (fr)

CATALYSEUR D'OXYDATION DE NH₃ ET APPAREIL POUR TRAITER UNE EMISSION OU UN RESIDU DE NH₃

Publication

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Application

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Abstract (en)

[origin: WO2007004774A1] Disclosed herein are an ammonia oxidation catalyst and a system for treating slipped ammonia or waste ammonia using the oxidation catalyst. More specifically, disclosed are an ammonia oxidation catalyst comprising either Cu-containing zeolite impregnated with platinum or Cu-containing alumina impregnated with platinum, which has improved low-temperature activity to oxidize ammonia generated in a mobile source or fixed source system and is used to inhibit the formation of nitrogen oxides, as well as a system for treating ammonia contained in vehicle exhaust gas, a chemical reactor system and an environmental device and system, which include the oxidation catalyst.

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