

Title (en)

METHOD FOR THE CATALYTIC GAS PHASE OXIDATION OF HYDROCARBONS AND CATALYSIS REACTION DEVICE

Title (de)

VERFAHREN ZUR KATALYTISCHEN GASPHASENOXIDATION VON KOHLENWASSERSTOFFEN UND KATALYSERREAKTIONSVORRICHTUNG

Title (fr)

PROCÉDÉ D'OXYDATION CATALYTIQUE D'HYDROCARBURES EN PHASE GAZEUSE ET RÉACTEUR DE CATALYSE

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Application

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Abstract (en)

[origin: WO2011113920A1] The invention relates to a method for the catalytic gas phase oxidation of hydrocarbons, comprising: a) providing a catalysis reaction device having a reaction space between a gas inlet and a gas outlet, said space being cooled by coolant, and b) conducting a hydrocarbon-containing reaction mixture through the reaction space in a gas passage direction, characterized in that the coolant is provided with a temperature profile that increases in the gas passage direction. The invention further relates to a corresponding catalysis reaction device.

IPC 8 full level

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