

Title (en)
PROCESS FOR THE AMMOXIDATION OR OXIDATION OF PROPANE AND ISOBUTANE

Title (de)
VERFAHREN ZUR AMMOXIDIERUNG ODER OXIDIERUNG VON PROPAN UND ISOBUTAN

Title (fr)
PROCEDE D'AMMOXYDATION OU D'OXYDATION DU PROPANE ET DE L'ISOBUTANE

Publication
EP 2205554 A2 20100714 (EN)

Application
EP 08837190 A 20081007

Priority
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• US 97927607 P 20071011

Abstract (en)
[origin: WO2009048553A2] A process for the ammoxidation or oxidation of a saturated or unsaturated or mixture of saturated and unsaturated hydrocarbon, the process including the steps of combining a performance modifier, a fresh mixed oxide catalyst, or a used mixed oxide catalyst and a fresh and used mixed oxide catalyst to form a catalyst mixture, and contacting the hydrocarbon with an oxygen-containing gas, or an oxygen-containing gas and ammonia, in the presence of the catalyst mixture. The performance modifier may include a compound selected from the group consisting of aluminum compounds, antimony compounds, arsenic compounds, boron compounds, cerium compounds, germanium compounds, lithium compounds, molybdenum compounds, neodymium compounds, niobium compounds, phosphorus compounds, selenium compounds, tantalum compounds, tellurium compounds, titanium compounds, tungsten compounds, vanadium compounds, zirconium compounds and mixtures thereof.

IPC 8 full level
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Citation (search report)
See references of WO 2009048553A2

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Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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