

Title (en)

METHOD FOR PRODUCING ACRYLIC ACID FROM PROPANE, IN THE PRESENCE OF MOLECULAR OXYGEN

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ACRYLSÄURE AUS PROPAN IN GEGENWART VON SAUERSTOFF

Title (fr)

PROCEDE DE FABRICATION D'ACIDE ACRYLIQUE A PARTIR DE PROPANE, EN PRESENCE D OXYGENE MOLECULAIRE

Publication

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Application

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Abstract (en)

[origin: WO2004024666A1] The invention concerns the production of acrylic acid from propane in the presence of molecular oxygen. Said method consists in passing a gas mixture comprising propane, molecular oxygen, water vapour and, optionally, an inert gas, on a catalyst of formula (I)  $\text{Mo}_1\text{Va}_x\text{Teb}_y\text{Nbc}_z\text{Sid}_w\text{O}_x$  to oxidize propane into acrylic acid, the propane/molecular oxygen mol ratio in the initial gas mixture being not less than 0.5.

IPC 1-7

**C07C 57/05**; **C07C 51/215**; **C07C 57/04**

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See references of WO 2004024666A1

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