

PROCESS FOR THE TRANSFORMATION OF A VANADIUM/PHOSPHORUS
MIXED OXIDE CATALYST PRECURSOR INTO THE ACTIVE CATALYST
FOR THE PRODUCTION OF MALEIC ANHYDRIDE

ABSTRACT

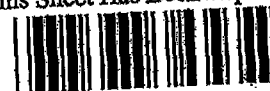
A Vanadium/Phosphorous Mixed Oxide catalyst precursor is transformed into the active catalyst for the production of maleic anhydride.

The activation takes place in a fluidized bed and includes the steps

- a) initial heating of the precursor
- b) further heating under superatmospheric pressure
- c) isothermal stage at superatmospheric pressure and finally
- d) cooling the activated catalyst obtained.

Catalysts activated according this procedure show high performance in the conversion of non aromatic hydrocarbons to maleic anhydride.

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