

Title (en)

MANUFACTURE OF MALEIC ANHYDRIDE FROM RENEWABLE MATERIALS, MALEIC ANHYDRIDE OBTAINED AND USES THEREOF

Title (de)

HERSTELLUNG VON MALEINSÄUREANHYDRID AUS ERNEUERBAREN MATERIALIEN, DAS ERHALTENE MALEINSÄUREANHYDRID UND VERWENDUNGEN DAFÜR

Title (fr)

FABRICATION D'ANHYDRIDE MALEIQUE A PARTIR DE MATIERES RENOUVELABLES, ANHYDRIDE MALEIQUE OBTENU ET UTILISATIONS

Publication

EP 2318386 A2 20110511 (FR)

Application

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Priority

- FR 2009051426 W 20090717
- FR 0854896 A 20080718

Abstract (en)

[origin: WO2010007327A2] The present application relates to a process for manufacturing maleic anhydride that comprises the following steps: a) fermentation of renewable raw materials and optionally purification to produce a mixture comprising at least butanol; b) oxidation of the butanol to maleic anhydride at a temperature generally between 300 and 600°C, using a catalyst based on oxides of vanadium and/or of molybdenum; c) isolation of the maleic anhydride obtained at the end of step b). It also relates to the maleic anhydride obtained from renewable raw materials, to the copolymers and the compositions comprising said maleic anhydride and also to the uses of this maleic anhydride.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010007327A2

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