

Title (en)

CATALYTIC COATING FOR THE HYDROGENATION OF MALEIC ANHYDRIDE AND RELATED COMPOUNDS TO GIVE GAMMA-BUTYROLACTONE, TETRAHYDROFURAN AND DERIVATIVES THEREOF

Title (de)

SCHALENKATALYSATOR FÜR DIE HYDRIERUNG VON MALEINSÄUREANHYDRID UND VERWANDTEN VERBINDUNGER ZU GAMMA-BUTYROLACTON UND TETRAHYDROFURAN UND DERIVATEN DAVON

Title (fr)

CATALYSEUR ENROBE ADAPTE A L'HYDROGENATION D'ANHYDRIDE DE L'ACIDE MALEIQUE ET DE COMPOSES VOISINS POUR FORMER DE LA GAMMA-BUTYROLACTONE ET DU TETRAHYDROFURANE ET DES DERIVES DE CEUX-CI

Publication

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Application

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Abstract (en)

[origin: WO0247815A1] The invention relates to a catalyst for the hydrogenation of C4 dicarboxylic acids and/or derivatives thereof, preferably maleic anhydride, in the gas phase, characterised in that said catalyst comprises 5 to 100 wt %, preferably 40 to 90 wt % copper oxide and 0 to 95 wt %, preferably 10 to 60 wt % of one or more metals, or compounds thereof, from the group comprising Al, Si, Zn, Pd, La, Ce, elements of groups III A to VIII A and of groups I A and II A as active mass and said mass is deposited on an inert support in the form of a thin layer.

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