

Title (en)

CATALYST FOR OXIDATION OF O-XYLENE AND/OR NAPHTHALENE TO PHTHALIC ANHYDRIDE

Title (de)

KATALYSATOR ZUR OXIDIERUNG VON O-XYLOL UND/ODER NAPHTHALIN ZU PHTHALSÄUREANHYDRID

Title (fr)

CATALYSEUR POUR L'OXYDATION DE O-XYLÈNE ET/OU DE NAPHTHALÈNE EN ANHYDRIDE PHTALIQUE

Publication

**EP 2598238 A4 20140820 (EN)**

Application

**EP 11811912 A 20110726**

Priority

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Abstract (en)

[origin: WO2012014154A1] Provided is a catalyst for the oxidation of o-xylene and/or naphthalene to phthalic anhydride, which has a plurality of catalyst zones which are arranged in series in the reaction tube and has been produced using an antimony trioxide which comprises a significant proportion of valentinite. Also disclosed is a process for gas-phase oxidation, in which a gas stream comprising at least one hydrocarbon and molecular oxygen is passed through a catalyst produced using an antimony trioxide which comprises a significant proportion of valentinite.

IPC 8 full level

**B01J 23/22** (2006.01); **B01J 23/18** (2006.01); **C07C 51/265** (2006.01)

CPC (source: EP KR)

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Citation (search report)

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Designated contracting state (EPC)

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