

Title (en)
METHOD FOR THE HYDRODECOMPOSITION OF AMMONIUM FORMATES IN POLYOL-CONTAINING REACTION MIXTURES

Title (de)
VERFAHREN ZUR HYDRIERENDEN ZERSETZUNG VON AMMONIUMFORMIATEN IN POLYOLHALTIGEN REAKTIONSGEMISCHEN

Title (fr)
PROCEDE D'HYDRODECOMPOSITION DE FORMIATES D'AMMONIUM DANS DES MELANGES REACTIONNELS CONTENANT DU POLYOL

Publication
EP 1651586 A1 20060503 (DE)

Application
EP 04740714 A 20040707

Priority
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Abstract (en)
[origin: DE10334489A1] Removal of trialkylammonium formates (TAAF) from methylolalkanes obtained by condensation of formaldehyde with higher aldehydes involves decomposing the TAAF at elevated temperature on a titanium dioxide- supported ruthenium-containing catalyst in presence of a hydrogen-containing gas. An independent claim is also included for such a catalyst in which commercially-available titanium dioxide is treated before or after shaping to form the support with 0.1-30 wt.% of an acid in which the TiO₂ is difficultly soluble.

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IPC 8 full level
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CPC (source: EP KR)
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See references of WO 2005019145A1

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