

Title (en)

METHOD FOR CONTROLLING THE CATALYTIC HYDROGENATION OF 1,4-BUTYNE-1,3-DIOL VIA THE CONTENT OF CO AND/OR CH₄ IN THE EXHAUST GAS STREAM

Title (de)

VERFAHREN ZUR REGELUNG DER KATALYTISCHEN HYDRIERUNG VON 1,4-BUTINDIOL ÜBER DEN GEHALT VON CO UND/ODER CH₄ IM ABGASSTROM

Title (fr)

PROCÉDÉ POUR RÉGULER L'HYDROGÉNATION CATALYTIQUE DE 1,4-BUTYNE-1,3-DIOL PAR L'INTERMÉDIAIRE DE LA TENEUR EN CO ET/OU CH₄ DU FLUX DE GAZ RÉSIDUAIRES

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Application

EP 18758629 A 20180827

Priority

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- EP 2018072999 W 20180827

Abstract (en)

[origin: WO2019048276A1] The present invention relates to a method for producing 1,4-butanediol by catalytic hydrogenation of 1,4-butyne-1,3-diol in a reaction zone with hydrogen in the presence of a heterogeneous hydrogenation catalyst, in which method the content of at least one gas in the exhaust gas stream, selected from CO and CH₄, is measured and the content of the measured gas in the exhaust gas stream is used for controlling the hydrogenation.

IPC 8 full level

C07C 29/17 (2006.01)

CPC (source: EP KR US)

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