

Title (en)

MANUFACTURE OF TRIMETHYLOLPROPANE.

Publication

EP 0614453 A4 19940921 (EN)

Application

EP 93920413 A 19930827

Priority

- US 9308140 W 19930827
- US 95052492 A 19920925

Abstract (en)

[origin: WO9407831A1] Trimethylolpropane of high purity is efficiently made by mixing the aldol reaction product of formaldehyde and n-butyraldehyde with at least about 20 wt % of a lower alcohol prior to hydrogenation to allow recovery of high purity product by simple distillation. In a less preferred mode, the alcohol may be added after hydrogenation, resulting in a smaller improvement over previous processes.

IPC 1-7

C07C 29/141

IPC 8 full level

C07B 61/00 (2006.01); **C07C 29/141** (2006.01); **C07C 29/38** (2006.01); **C07C 31/22** (2006.01)

CPC (source: EP)

C07C 29/141 (2013.01); **C07C 29/38** (2013.01)

Citation (search report)

- [X] US 5144088 A 19920901 - SALEK JEFFREY S [US], et al
- [X] FR 1230558 A 19600916 - ETS KUHLMANN
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- [X] DE 3644675 A1 19880714 - RUHRCHEMIE AG [DE]
- [X] DE 1014089 B 19570822 - BASF AG
- [X] DE 2054601 A1 19720510
- [PX] US 5185478 A 19930209 - SALEK JEFFREY S [US], et al
- See references of WO 9407831A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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