

Title (en)

PROCESS FOR PREPARING 3-AMINO-3-METHYL-1-BUTANOL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 3-AMINO-3-METHYL-1-BUTANOL

Title (fr)

PROCEDE DE FABRICATION DE 3-AMINO-3-METHYL-1-BUTANOL

Publication

**EP 1957440 A1 20080820 (DE)**

Application

**EP 06819495 A 20061115**

Priority

- EP 2006068484 W 20061115
- DE 102005056594 A 20051125

Abstract (en)

[origin: DE102005056594A1] Preparation of 3-amino-3-methyl-1-butanol (I) comprises reacting 3-methylbut-3-en-1-ol or 3-methylbut-2-en-1-ol with a nitrile compound (a) in the presence of an acid condensation agent; reacting the obtained product with an aqueous potassium hydroxide solution and extracting the product using a suitable solvent. Preparation of 3-amino-3-methyl-1-butanol (I) comprises reacting 3-methylbut-3-en-1-ol or 3-methylbut-2-en-1-ol with a nitrile compound of formula  $R1>-CN$  (a) in the presence of an acid condensation agent; reacting the obtained product with an aqueous potassium hydroxide solution and extracting the product using a suitable solvent.  $R1>H$ , 1-6C alkyl, 2-6C alkenyl or phenyl containing one or more residues, which are inert under reaction conditions, preferably methyl.

IPC 8 full level

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CPC (source: EP)

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