

Title (en)
METHOD FOR THE PRODUCTION OF ACETYLENE ALCOHOLS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ACETYLENALKOHOLEN

Title (fr)
PROCEDE POUR PRODUIRE DES ALCOOLS D'ACETYLENE

Publication
EP 1529024 A1 20050511 (DE)

Application
EP 03792224 A 20030723

Priority
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• EP 0308045 W 20030723

Abstract (en)
[origin: DE10236578A1] A method for the production of acetylene alcohols by mono-ethynylation of ketones comprising: (a) reaction of lithium with a 1-10C alkyl halide; (b) introduction of acetylene gas; and (c) addition of the ketone. A method for the production of acetylene alcohols of formula (I) by mono-ethynylation of ketones of formula R1-CO-R2 comprising: (a) reaction of lithium with a 1-10C alkyl halide, (b) introduction of acetylene gas and (c) addition of the ketone. HCequivalent to C-CR1R2-OH (I) R1, R2 = H or optionally unsaturated 1-30C alkyl, aryl, cycloalkylalkyl or cycloalkyl (all optionally substituted), or groups of formula -CH2CH2CHR3R4 or -CH2CH=CR3R4; and R3, R4 = H or optionally unsaturated, optionally substituted 1-30C alkyl, aryl, cycloalkylalkyl or cycloalkyl.

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