

Title (en)

Process for the synthesis of 2-alkyne-1-acetals

Title (de)

Verfahren zur Herstellung von 2-Alkin-1-acetalen

Title (fr)

Procédé de production de 2-alcyne-1-acetals

Publication

EP 1619273 B1 20080716 (DE)

Application

EP 05013192 A 20050618

Priority

DE 102004035860 A 20040723

Abstract (en)

[origin: EP1619273A1] Preparation of 2-alkyne-1-acetal compounds (I) comprises electro-chemically oxidizing alcohol compounds (II) in the presence of 1-6C alkyl alcohol (A) or substance. Preparation of 2-alkyne-1-acetal compounds of formula (I) comprises electro-chemically oxidizing alcohol compounds (II) of formula (R 1>-C?⁺=C-CH 2-OH) in the presence of 1-6C alkyl alcohol (A) or substance. R 1>1-20C alkyl, 2-20C alkenyl, 2-20C alkenyl, 3-12C cycloalkyl, 4-20C cycloalkyl-alkyl, 4-10C aryl (all optionally substituted with hydroxy, halo, 1-6C alkoxy, (1-6C alkoxy)-carbonyl, carboxyl or nitrile) or H; and R 2>, R 3>1-6C alkyl or a group of formula (R 1>-C?⁺=C-CH 2-). [Image].

IPC 8 full level

C25B 3/23 (2021.01)

CPC (source: EP US)

C25B 3/23 (2021.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1619273 A1 20060125; EP 1619273 B1 20080716; AT E401433 T1 20080815; CN 100585012 C 20100127; CN 1737200 A 20060222; DE 102004035860 A1 20060216; DE 502005004699 D1 20080828; JP 2006037233 A 20060209; JP 4755458 B2 20110824; US 2006016695 A1 20060126

DOCDB simple family (application)

EP 05013192 A 20050618; AT 05013192 T 20050618; CN 200510085307 A 20050722; DE 102004035860 A 20040723; DE 502005004699 T 20050618; JP 2005213194 A 20050722; US 18610005 A 20050721