

Title (en)

ALDOL CONDENSATIONS BY CATALYTIC ANTIBODIES

Title (de)

ALDOLKONDENSATION MITTELS KATALYTISCHER ANTIKÖRPER

Title (fr)

CONDENSATIONS ALDOL EFFECTUEES A L'AIDE D'ANTICORPS CATALYTIQUES

Publication

EP 1038018 A1 20000927 (EN)

Application

EP 98964079 A 19981218

Priority

- US 9826942 W 19981218
- US 6804997 P 19971218

Abstract (en)

[origin: WO9931263A1] Catalytic antibodies, including 38C2 and 33F12, are capable of efficiently catalyzing a wide variety of ketone-ketone, ketone-aldehyde, aldehyde-ketone, and aldehyde-aldehyde intermolecular aldol reactions, and in some cases to catalyze their subsequent dehydration to yield aldol condensation products. A number of intramolecular aldol reactions have also been defined. Catalysis of all intramolecular aldol reactions examined yields the corresponding condensation products.

IPC 1-7

C12N 9/00; **C12P 7/26**

IPC 8 full level

C12N 9/00 (2006.01); **C12P 7/26** (2006.01)

CPC (source: EP)

C12N 9/0002 (2013.01); **C12P 7/26** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9931263 A1 19990624; AU 1927799 A 19990705; CA 2315260 A1 19990624; EP 1038018 A1 20000927; EP 1038018 A4 20041013; JP 2002508188 A 20020319

DOCDB simple family (application)

US 9826942 W 19981218; AU 1927799 A 19981218; CA 2315260 A 19981218; EP 98964079 A 19981218; JP 2000539161 A 19981218