

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