

Title (en)  
HOMOACONITASE AS A TARGET FOR FUNGICIDES

Title (de)  
HOMOACONITASE ALS TARGET FÜR FUNGIZIDE

Title (fr)  
HOMOACONITASE SERVANT DE CIBLE A DES FONGICIDES

Publication  
**EP 1402013 A2 20040331 (DE)**

Application  
**EP 02743184 A 20020613**

Priority  
• DE 10129531 A 20010621  
• DE 10146707 A 20010921  
• EP 0206485 W 20020613

Abstract (en)  
[origin: WO03000880A2] The invention relates to the use of homoaconitase as a novel target for fungicides. The invention also relates to the identification and isolation of the nucleic acid sequence SEQ ID No: 1 coding for the protein homoaconitase and the functional equivalents thereof, and to a method for identifying compounds having fungicidal action based on the above-mentioned nucleic acid sequences or the proteins coded by said sequences. The invention further relates to a transgenic organism containing the SEQ ID NO: 1 or a functional equivalent of the SEQ ID NO:1, which is characterised by increased lysine production compared to a non-transgenic fungus.

IPC 1-7  
**C12N 9/88**

IPC 8 full level  
**C12N 1/15** (2006.01); **C12N 1/21** (2006.01); **C12N 9/88** (2006.01); **C12N 9/99** (2006.01); **C12N 15/09** (2006.01); **C12N 15/60** (2006.01); **C12Q 1/18** (2006.01); **C12Q 1/527** (2006.01); **C12Q 1/68** (2006.01); **C12R 1/01** (2006.01); **C12R 1/77** (2006.01)

CPC (source: EP)  
**C12N 9/88** (2013.01); **A01K 2217/05** (2013.01)

Citation (search report)  
See references of WO 03000880A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 03000880 A2 20030103**; **WO 03000880 A3 20031204**; CA 2450792 A1 20030103; EP 1402013 A2 20040331; JP 2005503781 A 20050210

DOCDB simple family (application)  
**EP 0206485 W 20020613**; CA 2450792 A 20020613; EP 02743184 A 20020613; JP 2003507265 A 20020613