

Title (en)  
PROCESS FOR PREPARING DOXORUBICIN

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON DOXORUBICIN

Title (fr)  
PROCEDE DE PREPARATION DE DOXORUBICINE

Publication  
**EP 1071746 A4 20030423 (EN)**

Application  
**EP 99919767 A 19990422**

Priority  
• US 9907016 W 19990422  
• US 6560698 A 19980424

Abstract (en)  
[origin: WO9955829A2] The ability to convert daunorubicin into doxorubicin can be improved by transforming a host cell with a recombinant vector comprising a DNA molecule comprising: a DNA region or fragment containing the gene doxA encoding daunorubicin 14-hydroxylase and a DNA region or fragment containing one or more gene conferring daunorubicin and doxorubicin resistance.

IPC 1-7  
**C12P 19/56**; C12N 15/31; C12N 15/53; C12N 15/63; C12N 15/74; C12N 15/76; C12N 9/02

IPC 8 full level  
**C12N 15/09** (2006.01); **C12N 1/21** (2006.01); **C12N 9/02** (2006.01); **C12P 19/56** (2006.01); **C12R 1/465** (2006.01)

CPC (source: EP)  
**C12N 9/0071** (2013.01); **C12P 19/56** (2013.01)

Citation (search report)  
• No further relevant documents disclosed  
• See references of WO 9955829A2

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 9955829 A2 19991104**; **WO 9955829 A3 19991223**; CA 2326500 A1 19991104; CN 1198930 C 20050427; CN 1298453 A 20010606; EP 1071746 A2 20010131; EP 1071746 A4 20030423; JP 2002512784 A 20020508

DOCDB simple family (application)  
**US 9907016 W 19990422**; CA 2326500 A 19990422; CN 99805400 A 19990422; EP 99919767 A 19990422; JP 2000545975 A 19990422