

Title (en)
METHOD FOR PREPARING (+)-BIOTINE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON (+)-BIOTIN

Title (fr)
PROCEDE DE PREPARATION DE (+)-BIOTINE

Publication
EP 1299394 A1 20030409 (DE)

Application
EP 01984162 A 20010620

Priority
• DE 10033284 A 20000707
• EP 0106965 W 20010620

Abstract (en)
[origin: WO0204460A1] The invention relates to a novel method for preparing biotine while using 5-hydroxy-2(5H)-furanone as a starting substance. The invention also relates to a method in which 1-chlorosulfonyl-1,2,2a,3,5,5a-hexa-hydro-3-((1R)-menthyloxy-)furo[3,4-b]azet-2-one is formed as an intermediate product.

IPC 1-7
C07D 495/04

IPC 8 full level
C07D 491/048 (2006.01); **C07D 495/04** (2006.01)

CPC (source: EP KR US)
C07D 495/04 (2013.01 - EP KR US); **Y02P 20/55** (2015.11 - EP)

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 0204460 A1 20020117; AU 1876802 A 20020121; CN 1440413 A 20030903; DE 10033284 A1 20020117; EP 1299394 A1 20030409; JP 2004502776 A 20040129; KR 20030014424 A 20030217; US 2003149278 A1 20030807

DOCDB simple family (application)
EP 0106965 W 20010620; AU 1876802 A 20010620; CN 01812468 A 20010620; DE 10033284 A 20000707; EP 01984162 A 20010620; JP 2002509325 A 20010620; KR 20037000183 A 20030106; US 33223203 A 20030106