

Title (en)

METHOD FOR PRODUCING 2,5-DIKETOPIPERAZINES, 2,5-DIKETOPIPERAZINES, DIPEPTIDES AND THE USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 2,5-DIKETOPIPERAZINEN, 2,5-DIKETOPIPERAZINE, DIPEPTIDE UND DEREN VERWENDUNG

Title (fr)

PROCEDE DE PREPARATION DE 2,3-DICETOPIPERAZINES, 2,5-DICETOPIPERAZINES, DIPEPTIDES ET LEUR UTILISATION

Publication

**EP 1274693 A1 20030115 (DE)**

Application

**EP 01927786 A 20010323**

Priority

- DE 10019879 A 20000420
- EP 0103322 W 20010323

Abstract (en)

[origin: WO0181321A1] The invention relates to a method for producing 2,5-diketopiperazines of general formula (I) by heating dipeptides of general formula (II) in an organic solvent while removing water by distillation. The invention also relates to novel 2,5-diketopiperazines, to dipeptides and to the use thereof.

IPC 1-7

**C07D 241/08**; **C07K 5/12**; **C07K 5/06**

IPC 8 full level

**C07D 241/08** (2006.01); **C07K 5/06** (2006.01); **C07K 5/068** (2006.01); **C07K 5/12** (2006.01)

CPC (source: EP US)

**C07D 241/08** (2013.01 - EP US); **C07K 5/06086** (2013.01 - EP US); **C07K 5/06191** (2013.01 - EP US); **C07K 5/12** (2013.01 - EP US)

Citation (search report)

See references of WO 0181321A1

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 0181321 A1 20011101**; DE 10019879 A1 20011025; EP 1274693 A1 20030115; JP 2003531197 A 20031021; NO 20025004 D0 20021017; NO 20025004 L 20021219; NO 323617 B1 20070618; US 2004024180 A1 20040205

DOCDB simple family (application)

**EP 0103322 W 20010323**; DE 10019879 A 20000420; EP 01927786 A 20010323; JP 2001578414 A 20010323; NO 20025004 A 20021017; US 25802903 A 20030528