



[12] Patent

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[21] Application No.: GCC/P/2001/1142 [22] Filing Date: 16/01/2001 [30] Priority: [31] Priority No. [32] Priority date [33] State 60/178359 27/01/2000 US [72] Inventors: 1- Marvin Simon Hoekstra, 2- Thomas Frederic Mich, 3- Thomas Arthur Mulhern, 4- James Andrew Ramsden, 4- James Andrew Ramsden, 5- Mark Joseph Burk, 6- Om Prakash Goel [73] Owner: Warner - Lambert Company, 201 Tabor Road, Morris Plains, New Jersey 07950, USA [74] Agent: Nassir Ali Kadasa	[51] Int. Cl. ⁷ : C07C 227/10, 253/30, 255/23 [56] Cited Documents: - WO 9640617 A (WARNER-LAMBERT COMPANY) 19 December 1996 - WO 9638405 A (WARNER-LAMBERT COMPANY) 05 December 1996

[54] ASYMMETRIC SYNTHESIS OF PREGABALIN

[57] Abstract: This invention provides a method of making (S)-(+)-3-(aminomethyl)5-methylhexanoic acid (pregabalin) or a salt thereof via an asymmetric hydrogenation synthesis. Pregabalin is useful for the treatment and prevention of seizure disorders, pain, and psychotic disorders. The invention also provides intermediates useful in the production of pregabalin.

No. of claims: 26