

Title (en)  
A METHOD OF FERMENTATION PREPARATION OF LOVASTATIN BY AN *Aspergillus terreus* STRAIN AND THE STRAIN FOR PERFORMING THE METHOD

Title (de)  
VERFAHREN ZUR FERMENTATIVEN HERSTELLUNG VON LOVASTATIN MITTELS EINES ASPERGILLUS TERREUS STAMMES, SOWIE DER STAMM ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)  
PROCEDE DE PREPARATION PAR FERMENTATION DE LOVASTINE A L'AIDE D'UNE SOUCHE D'*Aspergillus terreus* ET SOUCHE UTILISEE POUR METTRE EN OEUVRE LE PROCEDE

Publication  
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Application  
**EP 98948055 A 19981012**

Priority  

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Abstract (en)  
[origin: WO9919458A1] The new strain *Aspergillus terreus* CCM 8236 was obtained by means of classic mutagenesis procedures. The process of aerobic fermentation of lovastatin by the strain of *Aspergillus terreus* CCM 8236 in the form of acid in a submersion culture in a laboratory scale is described. The inoculum was prepared in a broth having low pH value. The mixture of glucose and lactose (at the ratio of 1:22) at the high concentration and Pharmamedia is used as the carbon and nitrogen source, respectively. The strain produced more than 2000 mg/l of lovastatin during 170 hours in the above-mentioned broth.

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