

Title (en)

PREPARATION OF MICROBIOLOGICALLY PRODUCED ERGOT ALKALOIDS

Title (de)

AUFARBEITUNG VON MIKROBIOLOGISCH HERGESTELLTEN MUTTERKORNALKALOIDEN

Title (fr)

TRAITEMENT D'ALCALOÏDES DE L'ERGOT DE SEIGLE PRODUITS MICROBIOLOGIQUEMENT

Publication

EP 2313405 A1 20110427 (DE)

Application

EP 09772376 A 20090626

Priority

- EP 2009058034 W 20090626
- EP 08159330 A 20080630
- EP 09772376 A 20090626

Abstract (en)

[origin: EP2141165A1] Method for reconditioning microbiologically produced ergot alkaloids of 7-methyl-4,6,6a,7,8,9,10,10a-octahydro-indolo[4,3-fg]quinoline-9-carboxylic acid (I), comprises extracting the fermentation product containing (I) occurring during the biological production at a pH of 8-14 using an extractant with a solubility in water of 0.2-25 g/100 g water at 20[deg] C, where the amount of extractant is sufficient to form a 2-phase system together with the fermentation product. Independent claims are included for: (1) paspalic acid, preferably paspalic acid crystals having 2-1000, preferably 5-700 ppm of an extractant comprising n-butanol, sec-butyl alcohol or ethyl formate; and (2) lysergic acid, preferably lysergic acid crystals having 2-1000, preferably 5-700 ppm of extractant comprising n-butanol, sec-butyl alcohol or ethyl formate.

IPC 8 full level

C07D 457/04 (2006.01); **C12P 17/18** (2006.01)

CPC (source: EP US)

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See references of WO 2010000676A1

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