

Title (en)
FEED SUPPLEMENT AND METHOD OF ITS PRODUCTION

Title (de)
FUTTERZUSATZ UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
SUPPLÉMENT ALIMENTAIRE ET PROCÉDÉ DE PRODUCTION CORRESPONDANT

Publication
EP 2317870 A4 20120502 (EN)

Application
EP 09798162 A 20090707

Priority
• LT 2009000007 W 20090707
• LT 2008053 A 20080715

Abstract (en)
[origin: WO201008259A1] Animal feed supplement and method of its production. This animal feed supplement contains microalgae Spirulina, it is in the form of fresh Spirulina biomass, and it also contains molasses. The ratio of the components is as follows: 6-33% of Spirulina biomass, the remaining part - molasses. Also, it may contain fructose: 6-67% of mass. Animal feed supplement production method is distinguished for the fact that the biomass of microalgae Spirulina is rinsed with water having pH=5.2 to 5.5, vacuumed to 65-70% humidity, and preserved by having mixed it with molasses preheated to 47-67°C. The biomass of microalgae Spirulina preserved in molasses is sprayed in the grain cultures at the following ratio of the components: biomass of Spirulina in molasses - up to 6% of mass, whereas grain cultures - from 3% to 97% of mass.?

IPC 8 full level
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CPC (source: EP)
A23K 10/12 (2016.05); **A23K 10/33** (2016.05); **A23K 50/10** (2016.05); **Y02P 60/87** (2015.11)

Citation (search report)
• [Y] DATABASE FSTA [online] INTERNATIONAL FOOD INFORMATION SERVICE (IFIS), FRANKFURT-MAIN, DE; 2007, SIMKUS A ET AL: "The effect of weed Spirulina platensis on the milk production in cows.", XP002671373, Database accession no. FS-2007-11-Pe2811 & SIMKUS A: "The effect of weed Spirulina Platensis on the milk production in cows", VETERINARIJA IR ZOOTECHNIKA, vol. 38, no. 60, 2007, pages 74 - 77, XP002671374, ISSN: 1392-2130
• [Y] LI R: "Fresh spirulina nutrient solution and method for making same", WPI / THOMSON,, vol. 2007, no. 46, 28 February 2007 (2007-02-28), XP002609373
• [A] ANDRADE ET AL: "Mixotrophic cultivation of microalga Spirulina platensis using molasses as organic substrate", AQUACULTURE, vol. 264, no. 1-4, 13 March 2007 (2007-03-13), ELSEVIER, AMSTERDAM, NL, pages 130 - 134, XP005919000, ISSN: 0044-8486, DOI: 10.1016/J.AQUACULTURE.2006.11.021
• See references of WO 201008259A1

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