

Title (en)
METHOD FOR THE STORAGE OF ENTOMOPATHOGENIC NEMATODES.

Title (de)
VERFAHREN ZUR LAGERUNG VON ENTOMOPATHOGENEN NEMATODEN.

Title (fr)
PROCEDE DE STOCKAGE DE NEMATODES ENTOMOPATHOGENES.

Publication
EP 0668718 A4 19970723 (EN)

Application
EP 93920592 A 19930910

Priority
• AU 9300465 W 19930910
• AU PL479192 A 19920910

Abstract (en)
[origin: WO9405150A1] Long-term storage of infective third stage juveniles of nematodes belonging to the genera (Steinernema) or (Heterorhabditis) is effected by mixing together an aqueous cream of the nematodes and particles of a highly water-absorptive material. The water present in the mixture is such that the mixture, after equilibrating, has a water activity in the range of from 0.80 to 0.995 (preferably 0.95 to 0.99). The preferred absorbent material is anhydrous polyacrylamide gel in the form of particles having an average mass of 0.01 gm. For optimal survival of the nematodes, the equilibrated mixture should be stored at a temperature in the range of from 1 C to 30 C, in an atmosphere which maintains the water activity of the mixture in the range of from 0.80 to 0.995.
[origin: WO9405150A1] Long-term storage of infective third stage juveniles of nematodes belonging to the genera Steinernema or Heterorhabditis is effected by mixing together an aqueous cream of the nematodes and particles of a highly water-absorptive material. The water present in the mixture is such that the mixture, after equilibrating, has a water activity in the range of from 0.80 to 0.995 (preferably 0.95 to 0.99). The preferred absorbent material is anhydrous polyacrylamide gel in the form of particles having an average mass of 0.01 gm. For optimal survival of the nematodes, the equilibrated mixture should be stored at a temperature in the range of from 1 DEG C to 30 DEG C, in an atmosphere which maintains the water activity of the mixture in the range of from 0.80 to 0.995.

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A01K 67/033; B65D 85/50; A01N 1/00; A01N 1/02

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A01K 67/033 (2006.01); **A01N 1/00** (2006.01); **A01N 63/00** (2006.01)

CPC (source: EP US)
A01K 67/033 (2013.01 - EP US)

Citation (search report)
• [X] WO 9210170 A1 19920625 - UNIV TEMPLE [US]
• [X] DATABASE WPI Section Ch Week 8910, Derwent World Patents Index; Class C03, AN 89-071638, XP002031700
• See references of WO 9405150A1

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CN106993607A; US11013229B2

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