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**A01P 7/02** (2006.01)

(56) Documents Cited:  
**WO 1995/035029 A** **JP 090002905 A**  
**US 6637150 A** **US 6007832 A**  
**US 4988511 A** **US 20020010156 A**

(58) Field of Search:  
INT CL **A01N, A01P**  
Other: **ONLINE: WPI, EPODOC, TXTE**

(54) Abstract Title: **Bio-degradable cockroach eradicator paste**

(57) The formula (paste) is a simple, bio-degradeable solution to pest (cockroach) eradication. It is a combination of household and commonly available products consisting of quantities of white potatoes; chico fruit powder; barley flour; neem powder; egg; and boric acid.

A simple paste is formed using these products and the paste is used to block the holes used by cockroaches to gain access to domestic dwellings and commercial businesses. The paste's smell and taste attract the cockroach which will eat through the obstruction to gain access to previous feeding areas. The paste is lethal to cockroaches.

In tests undertaken to this day the cockroach infestation was significantly reduced within a period of 21 days, with complete eradication being achieved within 60 days. There was no noticeable repeat infestation during observations over periods of 18 months.

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**DESCRIPTION*****BIO-DEGRADABLE COCKROACH ERADICATOR PASTE***

The formula was discovered by home experimentation in order to eradicate an infestation of cockroaches in a block of flats. Various ingredients were tested in varied applications and, eventually, the effective contents of the paste (further described in the ABSTRACT) were determined. This formula has since been tested on more than 30 occasions and has proved to be very effective.

The paste is made from a variety of household and commonly available ingredients and is used to block the holes in walls, skirting and floorboards that provide access for cockroaches into dwellings and commercial premises. When cockroaches are confronted with the paste the smell and taste will encourage them to eat through the paste. The paste formula is lethal to cockroaches and ingestion of the paste causes them to die in a matter of days and the cockroaches within the nest in due course. The remainder of the paste used to block the holes will continue to be effective for up to three weeks.

Although the paste is bio-degradeable some users may wish to exercise care when handling the paste and, to avoid allergic reactions to the contents of the paste, it is also advisable to store the paste out of the reach of small children and household pets. The paste in a sealed container will remain pliable and effective for approximately one year.

## **CLAIMS**

### ***BIO-DEGRADABLE COCKROACH ERADICATOR PASTE***

1. A bio-degradeable paste that eradicates cockroaches from domestic dwellings and commercial premises.
2. A paste that, when applied to holes created by cockroaches, remains lethal to cockroaches for up to 21 days.
3. A paste that, when contained within a sealed container, remains effective for up to 12 months.

**Application No:** GB0624183.0

**Examiner:** Mr Chris Archer

**Claims searched:** N/A

**Date of search:** 28 September 2007

**Patents Act 1977: Search Report under Section 17**

**Documents considered to be relevant:**

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	1-3	US 6637150 A (OI) see table 5 and column 17 line 50 to 54 which shows the use of neem and boric acid in the control of roaches.
X	1-3	US2002/0010156 A (KENNEDY) see whole document, especially paragraph [0108] which shows the use of boric acid and neem in combination in the control of insects.
X	1-3	US6007832 A (STAPLETON) see column 5 lines 35 to 45 which shows a cockroach paste comprising boric acid as the active and foodstuffs as the attractant.
X	1-3	JP09002905 A (EARTH CHEMICAL) see abstract attached, which shows a cockroach paste comprising boric acid as the active and foodstuffs as the attractant.
X	1-3	WO 95/35029 A (ECOLAB) see the examples which show a cockroach paste comprising boric acid as the active and foodstuffs as the attractant.
X	1-3	US4988511 A (DEMETRE) see whole document.

**Categories:**

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

**Field of Search:**

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>X</sup>:

Worldwide search of patent documents classified in the following areas of the IPC

A01N; A01P

The following online and other databases have been used in the preparation of this search report

WPI, EPODOC, TXTE

**International Classification:**

<b>Subclass</b>	<b>Subgroup</b>	<b>Valid From</b>
A01N	0025/00	01/01/2006
A01N	0059/14	01/01/2006
A01N	0065/00	01/01/2006
A01P	0007/00	01/01/2006
A01P	0007/02	01/01/2006