

Title (en)
Malodor and pesticide counteractant agent and fabrication method thereof

Title (de)
Mittel zur Beseitigung von schlechten Gerüchen und von Pestiziden und Verfahren zu dessen Herstellung

Title (fr)
Composé pour détruire des mauvaises odeurs ou des pesticides et son procédé de fabrication

Publication
EP 1925339 A1 20080528 (EN)

Application
EP 06023459 A 20061110

Priority
EP 06023459 A 20061110

Abstract (en)
The present invention discloses a malodor and pesticide counteractant agent and a fabrication method thereof. The agent of the present invention comprises: a catalytic ionic compound, a buffering agent, and a mixture of a reducing coenzyme and an oxidizing agent/ionic compound/sulfide, and these constituents are mixed in an appropriate ratio. The agent of the present invention can rapidly decompose pesticides, malodors, and smokes. The agent of the present invention may be fabricated into various forms of products, such as an aerosol, a detergent, or an additive. The agent can have wide variety of usages, including removal of the residual pesticides on unharvested crops, vegetables, and fruits.

IPC 8 full level
A01N 59/00 (2006.01); **A01N 59/16** (2006.01); **C09K 3/32** (2006.01)

IPC 8 main group level
A62D 3/00 (2006.01)

CPC (source: EP)
A62D 3/02 (2013.01); **A62D 3/38** (2013.01); **A62D 2203/04** (2013.01)

Citation (applicant)

- US 2006246148 A1 20061102 - HWU JIH-RU [TW], et al
- EP 1576880 A1 20050921 - WELL BEING BIOCHEMICAL CORP [TW]
- WO 9816109 A1 19980423 - GYRE LTD [GB], et al
- US 5232484 A 19930803 - PIGNATELLO JOSEPH J [US]
- BORGERDING, M.; KLUS, H., EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol. 57, 2005, pages 43 - 73
- BRAGE, C. ET AL., BIOMASS AND BIOENERGY, vol. 18, 2000, pages 87 - 91
- PREUSS, R.; ANGERER, H.; DREXLER, H., INT. ARCH. OCCUP. ENVIRON. HEALTH, vol. 76, 2003, pages 556 - 576

Citation (search report)

- [X] US 2006246148 A1 20061102 - HWU JIH-RU [TW], et al
- [X] EP 1576880 A1 20050921 - WELL BEING BIOCHEMICAL CORP [TW]
- [Y] US 6569353 B1 20030527 - GILETTO ANTHONY [US], et al
- [Y] US 5232484 A 19930803 - PIGNATELLO JOSEPH J [US]
- [Y] US 2002034421 A1 20020321 - KUKOR JEROME J [US], et al
- [Y] WO 9816109 A1 19980423 - GYRE LTD [GB], et al
- [A] WO 9108049 A1 19910613 - TAKEDA CHEMICAL INDUSTRIES LTD [JP]

Cited by
CN101869845A; US11988601B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1925339 A1 20080528

DOCDB simple family (application)
EP 06023459 A 20061110