

Title (en)

ODOR-BLOCKING WATER-ABSORBENT COMPOSITIONS CONTAINING UREASE INHIBITORS

Title (de)

GERUCHSVERHINDERNDE WASSERABSORBIERENDE ZUSAMMENSETZUNGEN ENTHALTEND UREASE-INHIBITOREN

Title (fr)

COMPOSITIONS ABSORBANT L'EAU ET INHIBITRICES DES ODEURS

Publication

**EP 1981551 A2 20081022 (DE)**

Application

**EP 07703780 A 20070111**

Priority

- EP 2007050235 W 20070111
- EP 06100673 A 20060120
- EP 07703780 A 20070111

Abstract (en)

[origin: EP1813291A1] Composition comprising a water-absorbing polymer (I) and 0.0001-0.1 wt.% of a urease inhibitor (II) is new, provided that (I) has acid groups that are 50-65% neutralized. Independent claims are also included for: (1) producing a composition as above by mixing or grinding (I) and (II) together or spraying (I) with (II) or preparing (I) by polymerising a monomer solution containing (II), and optionally mixing the product with a water-absorbing polymer; (2) hygiene article comprising a composition as above.

IPC 8 full level

**A61L 15/46** (2006.01); **A61L 15/60** (2006.01)

CPC (source: EP US)

**A61L 15/46** (2013.01 - EP US); **A61L 2300/434** (2013.01 - EP US)

Citation (search report)

See references of WO 2007085531A2

Citation (third parties)

Third party :

- EP 0119487 A1 19840926 - ALLIED CORP [US]
- EP 0703265 A1 19960327 - HOECHST AG [DE]
- WO 2004018006 A1 20040304 - BASF AG [DE], et al
- EP 0527109 B1 19980513 - ALUSUISSE LONZA SERVICES AG [CH]
- WATSON C.: "Urease Inhibitors", IFA INTERNATIONAL WORKSHOP ON ENHANCED-EFFICIENCY FERTILIZERS, 28 June 2005 (2005-06-28) - 30 June 2005 (2005-06-30), FRANKFURT, GERMANY, pages 0 - 8, XP003029770

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

DOCDB simple family (publication)

**EP 1813291 A1 20070801**; CN 101370529 A 20090218; EP 1981551 A2 20081022; JP 2009523874 A 20090625; US 2010003209 A1 20100107; WO 2007085531 A2 20070802; WO 2007085531 A3 20071011

DOCDB simple family (application)

**EP 06100673 A 20060120**; CN 200780002669 A 20070111; EP 07703780 A 20070111; EP 2007050235 W 20070111; JP 2008550723 A 20070111; US 16085107 A 20070111