

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

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