

## Title (en)

USE OF ALIPHATIC HYDROCARBONS AND HYDROCARBON MIXTURES IN POWDERY CHEMICAL PRODUCTS FOR CONSTRUCTION

## Title (de)

VERWENDUNG VON ALIPHATISCHEN KOHLENWASSERSTOFFEN UND KOHLENWASSERSTOFFGEMISCHEN IN PULVERFÖRMIGEN BAUCHEMISCHEN PRODUKTEN

## Title (fr)

UTILISATION D'HYDROCARBURES ET DE MELANGES D'HYDROCARBURES ALIPHATIQUES DANS DES PRODUITS CHIMIQUES PULVERULENTS POUR LA CONSTRUCTION

## Publication

**EP 1846342 A2 20071024 (DE)**

## Application

**EP 06706446 A 20060127**

## Priority

- EP 2006000715 W 20060127
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## Abstract (en)

[origin: WO2006084588A2] The invention relates to the use of hydrocarbons or hydrocarbon mixtures as additives for reducing the dust caused by dry, especially powdery chemical products for construction, especially hydraulically binding or cement-based materials, such as tile adhesives, jointing mortar, filler, sealing materials and the like. Such dedusting additives based on hydrocarbons or hydrocarbon mixtures create a long-lasting dedusting effect on the chemical products treated therewith, an effect which is maintained both in closed storage and in open storage, especially under atmospheric oxygen, without affecting the treatment and application characteristics of the chemical products for construction treated in this way.

## IPC 8 full level

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## CPC (source: EP KR)

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## Citation (search report)

See references of WO 2006084588A2

## Citation (third parties)

Third party :

- WO 0034200 A1 20000615 - 3M INNOVATIVE PROPERTIES CO [US]
- WO 02098814 A1 20021212 - 3M INNOVATIVE PROPERTIES CO [US]
- DE 3238390 A1 19830519 - LEUBE GEB [AT]
- DE 19812247 A1 19990930 - PCI AUGSBURG GMBH [DE]
- JENNY HARTMANN-SCHREIER: "Linolensaure", ROMPP ONLINE VERSION 3.4, July 2004 (2004-07-01), pages 1 - 2, XP003024870
- JENNY HARTMANN-SCHREIER: "Paraffin(öl)", ROMPP ONLINE VERSION 3.4, May 2004 (2004-05-01), pages 1 - 2, XP003024869
- GRIGSBY L.L.: "The electric power engineering handbook", 2001, ISBN: 0-8493-8578-4, article "Composition of Oil", XP003026231

## Cited by

EP3702339A1

## Designated contracting state (EPC)

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## DOCDB simple family (application)

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