

Title (en)

COATING PRODUCT WITH PHOTOCATALYTIC PROPERTIES

Title (de)

BESCHICHTUNGSPRODUKT MIT PHOTOKATALYTISCHEN EIGENSCHAFTEN

Title (fr)

PRODUIT DE REVETEMENT A PROPRIETES PHOTOCATALYTIQUES

Publication

**EP 3148952 A1 20170405 (FR)**

Application

**EP 15729542 A 20150527**

Priority

- FR 1454873 A 20140528
- FR 2015051393 W 20150527

Abstract (en)

[origin: WO2015181493A1] The present invention relates to a coating product with photocatalytic properties comprising particles of titanium dioxide (TiO<sub>2</sub>), characterised in that it comprises TiO<sub>2</sub> particles which are larger than nanoparticles and constitute means for reaction by photocatalysis under indoor lighting. It has been shown, surprisingly, that microparticles of TiO<sub>2</sub> can react with light from indoor lighting including low levels of UV, with very high efficiency for breaking down pollutants such as NO<sub>x</sub> or formaldehyde.

IPC 8 full level

**C04B 26/02** (2006.01); **C04B 28/04** (2006.01); **C04B 28/14** (2006.01); **C04B 111/00** (2006.01); **C04B 111/20** (2006.01)

CPC (source: CN EP)

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C-Set (source: CN EP)

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Citation (search report)

See references of WO 2015181493A1

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DOCDB simple family (publication)

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