

Title (en)

ADDITIVE FOR PHOTOCATALYTIC PAINTS WITH ACTIVATION IN VISIBLE SPECTRUM

Title (de)

ZUSATZSTOFF FÜR PHOTOKATALYTISCHE FARBEN MIT AKTIVIERUNG IM SICHTBAREN SPEKTRUM

Title (fr)

ADDITIF POUR PEINTURES PHOTOCATALYTIQUES À ACTIVATION DANS LE SPECTRE VISIBLE

Publication

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Application

EP 20722377 A 20200312

Priority

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Abstract (en)

[origin: WO2021181136A1] The invention relates to a process for the preparation of a photo- catalytic material based on 6-phenyl-1, 3, 5-triazine-2, 4-diamine and TiO₂. The material can be used to degrade contaminants and pollutants in liquids or gases as well as on solids and is efficient in visible light. Then it can be applied as a powder as such dispersed in water or can be formulated as a paint for interiors and exteriors. The photo-catalytic material can be used in construction, ceramic and automotive industry, environmental engineering, for air conditioning equipment, air purification and sterilization equipment, and in purification of water, in particular drinking water for example for antibacterial and antiviral purposes.

IPC 8 full level

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