

Title (en)  
A CEMENTITIOUS COMPOSITION WITH PHOTOCATALYTIC ACTIVITY

Title (de)  
ZEMENTZUSAMMENSETZUNG MIT PHOTOKATALYTISCHER AKTIVITÄT

Title (fr)  
COMPOSITION DE CIMENT À ACTIVITÉ PHOTOCATALYTIQUE

Publication  
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Application  
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Abstract (en)  
[origin: EP3670469A1] The invention relates to a cementitious composition comprising: - a hydraulic binder; - a photocatalyst consisting of at least an alkaline metal salt of poly(heptazine imide); - an optional aggregate and to a cement product obtainable therefrom, preferably selected from the group consisting of a cement mortar, a cement paste and a cement concrete. The invention also relates to a method for photocatalytically decomposing an air pollutant, preferably the nitrogen oxides (NOx) pollutants, comprising the step of contacting the air pollutant with a cement product according to the invention.

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