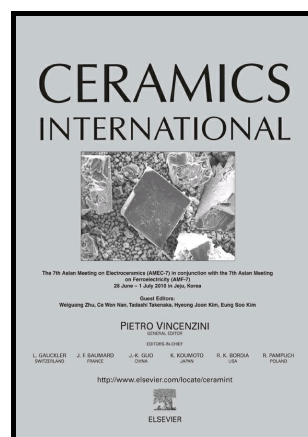


## Author's Accepted Manuscript

Photocatalytic enamel/TiO<sub>2</sub> coatings developed by electrophoretic deposition for methyl orange decomposition

Stefania Morelli, Rosalina Pérez, Amaia Querejeta, Josemari Muñoz, Luca Lusvardi, Magdalena Lassinantti Gualtieri, Giovanni Bolelli, Hans-Jürgen Grande



[www.elsevier.com/locate/ceri](http://www.elsevier.com/locate/ceri)

PII: S0272-8842(18)31391-9  
DOI: <https://doi.org/10.1016/j.ceramint.2018.05.245>  
Reference: CER118420

To appear in: *Ceramics International*

Received date: 23 January 2018  
Revised date: 18 May 2018  
Accepted date: 29 May 2018

Cite this article as: Stefania Morelli, Rosalina Pérez, Amaia Querejeta, Josemari Muñoz, Luca Lusvardi, Magdalena Lassinantti Gualtieri, Giovanni Bolelli and Hans-Jürgen Grande, Photocatalytic enamel/TiO<sub>2</sub> coatings developed by electrophoretic deposition for methyl orange decomposition, *Ceramics International*, <https://doi.org/10.1016/j.ceramint.2018.05.245>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Photocatalytic enamel/TiO<sub>2</sub> coatings developed by electrophoretic deposition for methyl orange decomposition

Stefania Morelli<sup>1,1</sup>, Rosalina Pérez<sup>2,\*2</sup>, Amaia Querejeta<sup>2,2</sup>, Josemari Muñoz<sup>2,2</sup>, Luca Lusvarghi<sup>1,1</sup>, Magdalena Lassinantti Gualtieri<sup>1,1</sup>, Giovanni Bolelli<sup>1,1</sup>, Hans-Jürgen Grande<sup>2,2</sup>.

<sup>1</sup> Department of Engineering “Enzo Ferrari”, University of Modena and Reggio Emilia,  
Via P. Vivarelli 10/1, 41125 Modena (MO), Italy.

<sup>2</sup> CIDETEC, Gipuzkoa Science and Technology Park, Pº Miramon 196, 20014,  
Donostia - San Sebastian, Spain.

stefania.morelli@unimore.it

rperez@cidetec.es\*

aquerejeta@cidetec.es

jmunoiz@cidetec.es

luca.lusvarghi@unimore.it

magdalena.gualtieri@unimore.it

giovanni.bolelli@unimore.it

hgrande@cidetec.es

## Abstract

The aim of this study was to obtain photocatalytic coatings, capable to decompose organic pollutants, through Electrophoretic Deposition (EPD) of enamels containing

---

<sup>1</sup> +39 059 2056206

<sup>2</sup> +34 943 309 022.

Download English Version:

<https://daneshyari.com/en/article/7885769>

Download Persian Version:

<https://daneshyari.com/article/7885769>

[Daneshyari.com](https://daneshyari.com)