



Corrigendum: Rare Earth Based Magnesium Alloys—A Review on WE **Series**

Lénia M. Calado^{1*}, Maria J. Carmezim^{1,2} and M. Fátima Montemor¹

OPEN ACCESS

Edited and reviewed by:

Yingwei Song, Institute of Metal Research (CAS),

*Correspondence:

Lénia M. Calado leniacalado@tecnico.ulisboa.pt

Specialty section:

This article was submitted to Structural Materials. a section of the journal Frontiers in Materials

Received: 20 January 2022 Accepted: 31 January 2022 Published: 02 March 2022

Citation:

Calado LM, Carmezim MJ and Montemor MF (2022) Corrigendum: Rare Earth Based Magnesium Alloys - A Review on WE Series. Front. Mater. 9:858921. doi: 10.3389/fmats.2022.858921

¹Centro de Química Estrutural-CQE, DEQ, Instituto Superior Técnico, Universidade de Lisboa, Lisbon, Portugal, ²ESTSetúbal, CDP2T, Instituto Politécnico de Setúbal, Setúbal, Portugal

Keywords: magnesium alloys, rare earth elements, corrosion, corrosion protection, coatings

A Corrigendum on

Rare Earth Based Magnesium Alloys-A Review on WE Series

1

by Calado, L. M., Carmezim, M. J., and Montemor, M. F. (2022). Front. Mater. 8:804906. doi: 10.3389/ fmats.2021.804906

In the original article, there was a mistake in the legend for Figure 2 as published. The reference cited in the figure legend is not correct. The correct legend appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's Note: All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

Copyright © 2022 Calado, Carmezim and Montemor. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

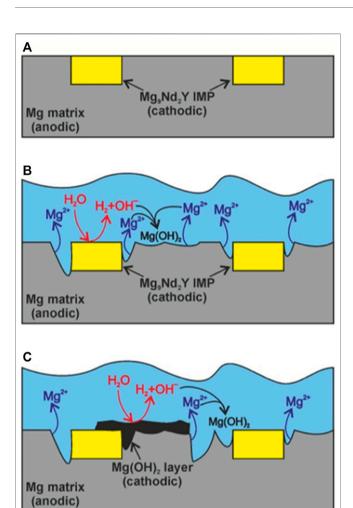


FIGURE 2 | Possible mechanism of corrosion for WE series magnesium alloys **(A)**, involving the formation of a Mg(OH)₂ layer on the surface of the alloy **(B)**, with localized microgalvanic corrosion at preferential sites **(C)**. Figure reproduced from (Kharitonov et al., 2021) under the terms of the Creative Commons CC-BY 4.0 License.