

Title (en)
PROTECTIVE LAYER FOR REFRACTORY PRODUCT

Title (de)
SCHUTZSCHICHT FÜR FEUERFESTES PRODUKT

Title (fr)
COUCHE DE PROTECTION POUR PRODUIT REFRACTAIRE

Publication
EP 3830057 A1 20210609 (FR)

Application
EP 19742399 A 20190726

Priority
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• EP 2019070241 W 20190726

Abstract (en)
[origin: WO2020025496A1] A method for treating a molten refractory product comprising more than 10% ZrO₂ by weight, or "base product", said method comprising the following steps: a) heading at least a portion of the surface of said product, so as to cause the ZrO₂ crystals to melt in a surface region extending over a depth of less than 2000 µm; and b) cooling the molten surface region obtained in the preceding step so as to obtain a protective layer.

IPC 8 full level
C04B 41/00 (2006.01); **B23K 26/354** (2014.01); **C03B 5/43** (2006.01); **C04B 41/80** (2006.01)

CPC (source: EP US)
B23K 10/00 (2013.01 - US); **B23K 26/354** (2015.10 - US); **C03B 5/23** (2013.01 - US); **C03B 5/43** (2013.01 - EP US); **C03B 32/02** (2013.01 - US); **C03C 3/062** (2013.01 - US); **C04B 41/0072** (2013.01 - EP); **C04B 41/009** (2013.01 - EP); **C04B 41/80** (2013.01 - EP); **B23K 10/00** (2013.01 - EP); **B23K 26/354** (2015.10 - EP); **B23K 2101/35** (2018.07 - EP US); **B23K 2103/08** (2018.07 - EP); **B23K 2103/54** (2018.07 - US); **F27D 1/0006** (2013.01 - US)

Citation (search report)
See references of WO 2020025496A1

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