

Title (en)  
REFRACTORY PRODUCT HAVING A HIGH CONTENT OF ZIRCONIA

Title (de)  
FEUERFESTES PRODUKT MIT HOHEM ZIRKONOXIDGEHALT

Title (fr)  
PRODUIT REFRACTAIRE A HAUTE TENEUR EN ZIRCON

Publication  
**EP 3924319 A1 20211222 (FR)**

Application  
**EP 20705158 A 20200211**

Priority  
• FR 1901334 A 20190211  
• EP 2020053472 W 20200211

Abstract (en)  
[origin: WO2020165170A1] The present invention relates to a molten and cast refractory product comprising, in weight percent on the basis of oxides, and for a total of 100%: - ZrO<sub>2</sub>: balance to 100%, - HfO<sub>2</sub>: < 5%, - SiO<sub>2</sub>: 8.1% to 12.0%, - B<sub>2</sub>O<sub>3</sub>: 0.20% to 0.90%, - Na<sub>2</sub>O + K<sub>2</sub>O: 0.40% to 0.80%, - Al<sub>2</sub>O<sub>3</sub>: 0.3% to 2.0%, - Y<sub>2</sub>O<sub>3</sub>: < 2.0%, - Fe<sub>2</sub>O<sub>3</sub> + TiO<sub>2</sub>: < 0.6%, and - other species: < 1.5%.

IPC 8 full level  
**C04B 35/48** (2006.01); **C03B 5/43** (2006.01); **C04B 35/484** (2006.01); **C04B 35/657** (2006.01); **C09K 21/00** (2006.01)

CPC (source: EP US)  
**C03B 5/43** (2013.01 - EP US); **C04B 35/48** (2013.01 - EP); **C04B 35/481** (2013.01 - EP US); **C04B 35/484** (2013.01 - EP US); **C04B 35/657** (2013.01 - EP US); **C04B 2235/3201** (2013.01 - EP US); **C04B 2235/3206** (2013.01 - EP US); **C04B 2235/3208** (2013.01 - EP US); **C04B 2235/3213** (2013.01 - EP US); **C04B 2235/3215** (2013.01 - EP US); **C04B 2235/3217** (2013.01 - EP US); **C04B 2235/3225** (2013.01 - EP US); **C04B 2235/3232** (2013.01 - EP US); **C04B 2235/3248** (2013.01 - EP US); **C04B 2235/3272** (2013.01 - EP US); **C04B 2235/3409** (2013.01 - EP US); **C04B 2235/3418** (2013.01 - EP US); **C04B 2235/447** (2013.01 - EP US); **C04B 2235/65** (2013.01 - EP); **C04B 2235/656** (2013.01 - EP); **C04B 2235/6562** (2013.01 - EP US); **C04B 2235/6565** (2013.01 - EP US); **C04B 2235/72** (2013.01 - EP US); **C04B 2235/727** (2013.01 - EP); **C04B 2235/85** (2013.01 - EP); **C04B 2235/96** (2013.01 - EP); **C04B 2235/9607** (2013.01 - EP)

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**FR 3092579 A1 20200814**; **FR 3092579 B1 20230414**; CN 113454045 A 20210928; CN 113454045 B 20240308; EP 3924319 A1 20211222; JP 2022520068 A 20220328; JP 7274590 B2 20230516; US 2022106213 A1 20220407; WO 2020165170 A1 20200820

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