

Title (en)

Coated hearth roll and process for its production.

Title (de)

Beschichtete Ofenrolle und Verfahren zu ihrer Herstellung.

Title (fr)

Rouleau de fourneau revêtu et procédé pour sa fabrication.

Publication

EP 0480727 B1 19950726 (EN)

Application

EP 91309332 A 19911010

Priority

US 59609690 A 19901011

Abstract (en)

[origin: EP0480727A1] A thermal spray powder feed composition for forming a refractory oxide coating comprising a mixture of zirconium silicate and zirconia at least partially stabilized with a stabilizing oxide. The as-deposited coating has a chemical composition of which, by x-ray phase analysis, comprises $ZrSiO_4$ and $ZrO_{2.x}$ where x is selected from CaO, Y_2O_3 , MgO, CeO_2 , and HfO_2 . <IMAGE>

IPC 1-7

C23C 4/10

IPC 8 full level

C23C 4/10 (2006.01)

CPC (source: EP KR)

C23C 4/10 (2013.01 - KR); **C23C 4/11** (2016.01 - EP)

Cited by

CN105483695A; CN115584461A; EP0595451A1; CN1070897C; SG150380A1; SG150382A1; SG151095A1; US6517960B1; EP2767609A1; CN103993215A; WO9715720A1; WO0064836A1; WO2024022653A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0480727 A1 19920415; **EP 0480727 B1 19950726**; AT E125577 T1 19950815; AU 658833 B2 19950504; AU 8578491 A 19920416; CA 2053188 A1 19920412; CA 2053188 C 19971216; DE 69111552 D1 19950831; DE 69111552 T2 19960229; ES 2075364 T3 19951001; JP H0718405 A 19950120; KR 920008209 A 19920527; KR 960008146 B1 19960620

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EP 91309332 A 19911010; AT 91309332 T 19911010; AU 8578491 A 19911011; CA 2053188 A 19911010; DE 69111552 T 19911010; ES 91309332 T 19911010; JP 29035691 A 19911011; KR 910017861 A 19911011