

Title (en)

Method for preparing cermets.

Title (de)

Verfahren zur Herstellung von Cermeten.

Title (fr)

Procédé pour la fabrication de cermets.

Publication

EP 0111584 A1 19840627 (EN)

Application

EP 82111912 A 19821222

Priority

EP 82111912 A 19821222

Abstract (en)

A method of preparing cermets from siliceous or silica-containing ceramic products by submitting these compacted products to the action of a molten alloy of aluminium and silicon, according to the reaction $3\text{SiO}_2 + 4\text{Al} \rightarrow 3\text{Si} + 2\text{Al}_2\text{O}_3$.

IPC 1-7

C22C 1/02

IPC 8 full level

C22C 1/10 (2006.01); **C22C 29/12** (2006.01)

CPC (source: EP)

C22C 1/1068 (2013.01); **C22C 29/12** (2013.01)

Citation (search report)

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- [A] GB 1055231 A 19670118 - MORGANITE RES & DEV LTD
- [A] GB 392640 A 19330525 - ERNST WYDLER
- [X] GMELIN: "Handbuch der Anorganischen Chemie, 8th edition, Verlag Chemie GmbH., Weinheim DE.
- [X] COMPTES RENDUS DE L'ACADEMIE DES SCIENCES, vol. 216, 1943, pages 268-270

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CN103154288A; US8900341B2; WO2011146814A3; EP0116809B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0111584 A1 19840627

DOCDB simple family (application)

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