

Title (en)
ELECTROCONDUCTIVE CERMET COMPOSITIONS FOR IGNITION AND HEATING APPLIANCES

Publication
EP 0353196 B1 19930519 (EN)

Application
EP 89810563 A 19890724

Priority
CH 287688 A 19880728

Abstract (en)
[origin: EP0353196A1] These compositions comprise a metal powder dispersed in an alumina-based ceramic matrix. The grains of the powder are partly oxidized to an adherent surface film of oxide which imparts thereto enhanced affinity and reinforcement properties to the matrix. Spark-and glow-plugs electrodes manufactured from these cermets demonstrate outstanding resistance to hot-corrosion and electro-erosion.

IPC 1-7
C22C 29/12; **F23Q 7/00**; **H01T 13/39**

IPC 8 full level
F02P 13/00 (2006.01); **C22C 1/05** (2006.01); **C22C 29/12** (2006.01); **C22C 32/00** (2006.01); **F23Q 7/00** (2006.01); **H01C 7/00** (2006.01); **H01T 13/39** (2006.01); **H05B 3/14** (2006.01)

CPC (source: EP KR)
C22C 29/12 (2013.01 - EP); **F23Q 7/001** (2013.01 - EP); **H01B 1/02** (2013.01 - KR); **H01T 13/39** (2013.01 - EP); **F23Q 2007/004** (2013.01 - EP)

Cited by
CN116477953A; US6043459A; US6121577A; US6971258B2; US6927362B2; WO0202933A1; WO2005066611A3; WO2007031371A1; US7275415B2; US7549317B2; EP0400950B1

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DOCDB simple family (publication)
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