

Title (en)

Thermal spray powder and method of forming abradable seals therewith.

Title (de)

Pulver für thermisches Spritzverfahren und Verfahren zur Herstellung abreibbarer Dichtungsschichten unter Verwendung des genannten Pulvers.

Title (fr)

Poudre pour la pulvérisation thermique et procédé pour la formation de joints abrasables au moyen de ladite poudre.

Publication

EP 0028475 A1 19810513 (EN)

Application

EP 80303683 A 19801017

Priority

CA 339229 A 19791106

Abstract (en)

A composite powder sprayable by thermal spraying onto a substrate to form an abradable seal coating with suitable strength and erosion resistance. Each powder particle has a core of non-metallic solid material surrounded by a layer of metallic material selected from the group consisting of nickel and nickel alloys. At least about 95% of the particles have a size less than about 150 microns, at least about 50 to about 90% of the particles have a size greater than about 75 microns, and less than about 10% of the particles have a size less than about 45 microns.

IPC 1-7

C23C 7/00; **B22F 1/02**

IPC 8 full level

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CPC (source: EP US)

B22F 1/18 (2022.01 - EP US); **C23C 4/06** (2013.01 - EP US)

Citation (search report)

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- US 3914507 A 19751021 - FUSTUKIAN DAVID A W
- BE 674204 A 19660415
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CN1043355C; CN1043364C; EP0272197A3; EP0144769A1

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