

Title (en)

Method of depositing a MCrAlY bond coating

Title (de)

Verfahren zur MCrAlY-Haftungsbeschichtung

Title (fr)

Procédé pour la déposition d'une couche de liaison à base de MCrAlY

Publication

EP 1260608 A1 20021127 (EN)

Application

EP 01112646 A 20010525

Priority

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Abstract (en)

It is disclosed a method of depositing a bond MCrAlY-coating to a surface of an article for increasing the roughness for enhanced TBC adhesion. First, an inner layer on top of the surface of the article consisting of gamma / gamma '-MCrAlY is deposited using powder in the size range from 5 to 65 μ m. Second, an outer bond coating layer on top of the inner layer consisting of beta -NiAl or gamma / beta -MCrAlY or gamma / gamma '-MCrAlY is deposited using powder in the size range from 30 to 125 μ m.

IPC 1-7

C23C 28/00

IPC 8 full level

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CPC (source: EP)

C23C 4/02 (2013.01); **C23C 28/022** (2013.01); **C23C 28/028** (2013.01)

Citation (search report)

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