

Title (en)

Refractory coated article.

Title (de)

Feuerfester beschichteter Gegenstand.

Title (fr)

Article à enduction réfractaire.

Publication

EP 0188369 A2 19860723 (EN)

Application

EP 86300207 A 19860114

Priority

GB 8500818 A 19850114

Abstract (en)

An article of manufacture, for example an electrical conductor, as on the surface of a metal part an adherent, dense refractory keying layer and, on the keying layer a further electrically insulating refractory layer that has been formed by a faster deposition method. The keying layer is preferably formed by a vacuum deposition processing, e.g. sputtering evaporation, ionplating or chemical vapour deposition, and the further refractory layer is preferably formed by a sol-gel deposition method, plasma ashing method, a solution coating method or a plasma spraying method. The articles are particularly suitable for high temperature wires.

IPC 1-7

H01B 7/34; H01B 3/12

IPC 8 full level

H01B 7/295 (2006.01); **C23C 14/06** (2006.01); **C23C 16/30** (2006.01); **C23C 28/00** (2006.01); **H01B 3/10** (2006.01); **H01B 3/12** (2006.01); **H01B 7/02** (2006.01); **H01B 7/29** (2006.01); **H01B 13/06** (2006.01)

CPC (source: EP)

C23C 28/00 (2013.01); **H01B 3/105** (2013.01); **H01B 7/29** (2013.01); **H01B 13/065** (2013.01)

Cited by

AU627859B2; US5091609A; US5372886A; EP1612295A1; EP0292780A1; WO9011603A1; US12087468B2; WO2017167595A1; EP3226258A1; CN109074918A; EP3441986A1; KR20220137813A

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