

Title (en)
REFRACTORY COATED ARTICLE

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Application
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Priority
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Abstract (en)
[origin: EP0188369A2] 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.

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H01B 3/12; H01B 7/34

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

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