

Title (en)  
THIN, FINE PORED METAL LAYER

Title (de)  
DÜNNE, FEINPORIGE METALLSCHICHT

Title (fr)  
COUCHE METALLIQUE MINCE A MICROPORES

Publication  
**EP 0977909 A1 20000209 (DE)**

Application  
**EP 98916815 A 19980227**

Priority

- DE 9800594 W 19980227
- DE 19716595 A 19970421

Abstract (en)  
[origin: WO9848077A1] The invention relates to a metal layer with open porosity and with a maximum thickness of 500  $\mu\text{m}$ , whereby the diameter of the through pores is at most a twelfth of the thickness of the layer. In order to produce a metal layer with open porosity, a suspension containing metal powder, dispersant as well as substances for adjusting the viscosity is deposited in layers on a support, dried and then sintered. The thickness of the suspension layer deposited on the support must be such that the thickness of the metal layer after sintering is at least three times the diameter of the metal powder.

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**C23C 24/08**

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**B22F 3/22** (2006.01); **C23C 24/08** (2006.01)

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Citation (search report)  
See references of WO 9848077A1

Cited by  
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