

Title (en)  
METHOD OF STRENGTHENING SPRAYED COATING

Title (de)  
VERFAHREN ZUR VERSTÄRKUNG GESPRÜHTER BESCHICHTUNGEN

Title (fr)  
PROCEDE POUR RENFORCER UN REVETEMENT PULVERISE

Publication  
**EP 0853135 A1 19980715 (EN)**

Application  
**EP 96914423 A 19960524**

Priority  
JP 9601383 W 19960524

Abstract (en)  
A method for strengthening flame sprayed films which seals and makes minute the inner portions of such films, wherein, at a stage of flame spray film formation at which the flame sprayed film formed has reached its final thickness or less, sealing treatment is conducted using a sealant with respect to the flame sprayed film which is formed, and after the sealant has been completely dried and solidified, the flame sprayed film formation is continued, and wherein, where necessary, these processes may be repeated. It is possible to achieve an increase in the resistance to abrasion, corrosion resistance, and thermal resistance of the flame sprayed film, and thus to achieve a lengthening of the useful life of manufactured parts.

IPC 1-7  
**C23C 4/18**

IPC 8 full level  
**C23C 4/18** (2006.01)

CPC (source: EP KR)  
**C23C 4/18** (2013.01 - EP KR)

Cited by  
CN103243290A; CN104419889A

Designated contracting state (EPC)  
BE DE FR GB IT

DOCDB simple family (publication)  
**EP 0853135 A1 19980715; EP 0853135 A4 20001025; AU 5779296 A 19980105; KR 19990035878 A 19990525; WO 9745566 A1 19971204**

DOCDB simple family (application)  
**EP 96914423 A 19960524; AU 5779296 A 19960524; JP 9601383 W 19960524; KR 19980700539 A 19980123**