

Title (en)  
SLIDING SURFACES IN PISTON MACHINES

Publication  
**EP 0054625 B1 19840215 (DE)**

Application  
**EP 81107414 A 19810918**

Priority  
DE 3047978 A 19801219

Abstract (en)  
[origin: US4395442A] A method of protecting the frictional engaging surfaces of an aluminum alloy piston-cylinder machine, including the steps of: coating the surface of one of the piston-cylinder members with an epoxy-resin in which is mixed a ceramic oxide material, placing the coated member in a drier oven, and heating and curing the epoxy-resin and ceramic oxide coating for at least one hour at a temperature of approximately 220 DEG C.

IPC 1-7  
**F04B 39/12**

IPC 8 full level  
**F02B 77/02** (2006.01); **F04B 39/12** (2006.01); **F16C 33/20** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP US)  
**F02B 77/02** (2013.01 - EP US); **F04B 39/126** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US); **Y10T 29/49263** (2015.01 - EP US); **Y10T 29/49272** (2015.01 - EP US)

Cited by  
EP0303553A3; EP0713028A1; FR2726875A1; EP0501806A1; US5193991A; FR2655292A1; DE102006039679A1; DE102006039679B4

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL SE

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**EP 0054625 A1 19820630**; **EP 0054625 B1 19840215**; AT E6292 T1 19840315; DE 3047978 A1 19820729; DE 3162315 D1 19840322; US 4395442 A 19830726

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**EP 81107414 A 19810918**; AT 81107414 T 19810918; DE 3047978 A 19801219; DE 3162315 T 19810918; US 32733881 A 19811204