

Title (en)  
Running surface on a cylinder

Title (de)  
Zylindrische Lauffläche

Title (fr)  
Surface de glissement d'un cylindre

Publication  
**EP 1225324 A3 20030326 (DE)**

Application  
**EP 02000872 A 20020115**

Priority  
DE 10102654 A 20010120

Abstract (en)  
[origin: EP1225324A2] The cylinder running surface of a light metal alloy has a defined grip fitting structure at an uncoated cylinder running surface, where a wear layer can be bonded. The grip fitting structure (2) lies on the radial direction of the running surface. The coating tool is aligned at the part flanks of the structure so that the strike angle of the coating stream (5) is generally at 90 degrees , and is focused by magnetic fields.

IPC 1-7  
**F02F 1/00**; **F02B 77/02**; **F02F 1/20**; **C23C 4/02**

IPC 8 full level  
**C23C 4/02** (2006.01); **C23C 4/12** (2016.01); **C23C 4/16** (2016.01); **F02B 77/02** (2006.01); **F02F 1/20** (2006.01)

CPC (source: EP)  
**C23C 4/02** (2013.01); **C23C 4/12** (2013.01); **C23C 4/16** (2013.01); **F02B 77/02** (2013.01); **F02F 1/20** (2013.01)

Citation (search report)  
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• [A] US 2314902 A 19430330 - SHEPARD ARTHUR P  
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• [A] US 5626674 A 19970506 - VANKUIKEN JR LEWIS L [US], et al

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