

Title (en)
Running surface on a cylinder

Title (de)
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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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EP 1225324 A2 20020724; **EP 1225324 A3 20030326**; **EP 1225324 B1 20091014**; DE 50213911 D1 20091126; EP 2112359 A1 20091028; EP 2112359 B1 20130403; EP 2112359 B2 20211006; ES 2334770 T3 20100316; ES 2411477 T3 20130705; ES 2411477 T5 20220324

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EP 02000872 A 20020115; DE 50213911 T 20020115; EP 09167884 A 20020115; ES 02000872 T 20020115; ES 09167884 T 20020115