

Title (en)

Wear protection layer and method of its manufacture

Title (de)

Verschleißschuttschicht sowie Verfahren zu ihrer Herstellung

Title (fr)

Couche de protection contre l'usure et procédé destiné à leur fabrication

Publication

EP 2052789 B1 20121212 (DE)

Application

EP 08105612 A 20081020

Priority

DE 102007050811 A 20071024

Abstract (en)

[origin: EP2052789A2] Wear-protection layer for frictionally stressed component or in oscillation-superimposed impact load, comprises a metal layer, preferably hard chromium layer, and a polysiloxane layer, where the polysiloxane layer is applied on the metal layer. An independent claim is included for preparing the wear-protection layer comprising (a) coating the claimed component with the metal layer and (b) applying the polysiloxane layer on the metal layer.

IPC 8 full level

B05D 5/08 (2006.01); **C23C 28/00** (2006.01); **C23C 30/00** (2006.01); **C25D 5/48** (2006.01); **C25D 7/00** (2006.01)

CPC (source: EP US)

B05D 5/08 (2013.01 - EP); **C23C 28/00** (2013.01 - EP); **C23C 30/00** (2013.01 - EP); **C25D 5/48** (2013.01 - EP); **C25D 7/00** (2013.01 - EP US); **F02M 61/166** (2013.01 - EP); **B05D 3/0254** (2013.01 - EP); **B05D 5/083** (2013.01 - EP); **B05D 2202/15** (2013.01 - EP); **B05D 2202/30** (2013.01 - EP); **B05D 2350/65** (2013.01 - EP); **B05D 2518/10** (2013.01 - EP); **F02M 2200/02** (2013.01 - EP); **F02M 2200/9038** (2013.01 - EP)

Cited by

EP2644879A1; US2010071217A1; US9719173B2; US11371472B2; US9051910B2; US9429245B2; US9885101B2; EP2320063A2

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EP 2052789 A2 20090429; **EP 2052789 A3 20091230**; **EP 2052789 B1 20121212**; DE 102007050811 A1 20090430

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