

Title (en)
WORKING SURFACE, AND SYSTEM AND METHOD FOR PRODUCTION THEREOF

Title (de)
ARBEITSPLATTE UND SYSTEM UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
SURFACE DE TRAVAIL, ET SYSTEME ET PROCEDE DE PRODUCTION ASSOCIES

Publication
EP 1784270 A1 20070516 (EN)

Application
EP 05718857 A 20050310

Priority
• IL 2005000284 W 20050310
• IL 2004000800 W 20040905

Abstract (en)
[origin: WO2006027768A1] A mechanical device including: (a) a metal workpiece having a working surface for bearing a load, the working surface including a nanometric, adhesive, solid film containing carbon atoms, the film being intimately bonded to the workpiece, wherein the film is intimately bonded to the workpiece on one face of the film, and wherein an opposing face of the film is exposed, for contacting with a lubricant, (b) a contact surface, disposed substantially opposite the working surface; (c) a lubricant, disposed between the working surface and the contact surface, and (d) a mechanism for causing a relative movement between the working surface and the contact surface.

IPC 8 full level
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CPC (source: EP KR)
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WO 2006027768 A1 20060316; CN 101014434 A 20070808; EP 1784270 A1 20070516; EP 1784270 A4 20140101; IN 3733CHN2014 A 20151016; JP 2008511459 A 20080417; KR 20070050056 A 20070514

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