

Title (en)

USE OF NANOPARTICLES IN A COMPOSITION TO IMPROVE FATIGUE LIFE AND PITTING ON THE SURFACE OF A DRIVE TRAIN

Title (de)

VERWENDUNG VON NANOSKALIGEN MATERIALIEN IN EINER ZUSAMMENSETZUNG ZUR VERHINDERUNG VON
ERMÜDUNGSERSCHINUNGEN IM OBERFLÄCHENNAHEN GEFÜGE VON ANTRIEBSELEMENTEN

Title (fr)

UTILISATION DES NANOPARTICULES POUR AMÉLIORER LA PROPRIÉTÉ DE FATIGUE DANS LA CHAÎNE CINÉMATIQUE

Publication

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Application

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Abstract (en)

[origin: WO2012163468A1] The present invention relates to the use of nanoscale materials in a composition which is applied for preventing fatigue damage in drive elements on the surfaces thereof. In particular, by this application, the surfaces of drive elements are protected against the formation of gray staining, surface fatigue and micro-pitting. The occurrence of fatigue damage on these surfaces is prevented or decreased thereby.

IPC 8 full level

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