WEAR

[illegible]

Effect of silver on the sliding friction and wear behavior of CaF_2 composite at elevated temperatures

[illegible]

[illegible]

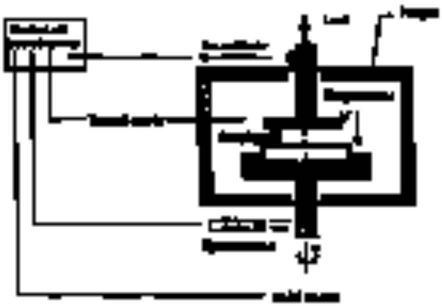
Abstract

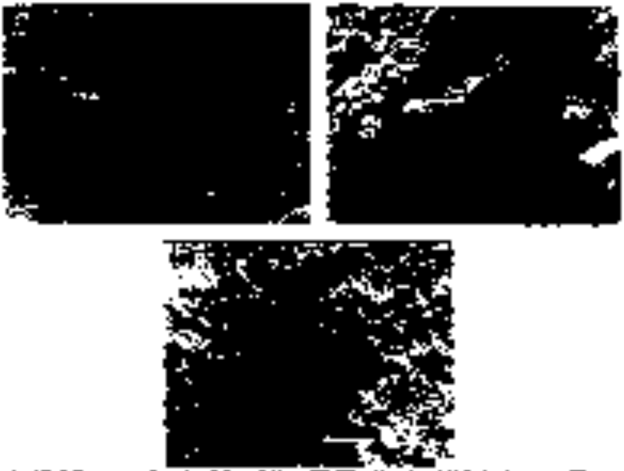
[illegible]

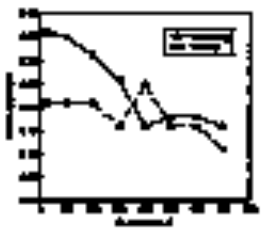
[illegible]

1. Introduction

[illegible]







[7] H.E. Sliney, Solid lubricant materials for high temperatures—a review, Tribol. Int. 15 (1982) 303–315.

Biographies

Dr. Jinjun Lu received his BE in Inorganic Chemical Engineering from Department of Chemical Engineering, Northwest University in 1992. He has been engaging in the survey of tribology since then. His current interests are high-temperature solid lubricant, metal matrix self-lubricating composite and self-lubricating metal-ceramic. Besides these, he has a wide range of interests in the area of solid lubrication. Now he is pursuing for doctoral degree in Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences.

Prof. Qunji Xue graduated from the Department of Chemistry, Shandong University of China and received his MSc degree at Lanzhou Institute of Chemical Physics, Chinese Academy of Science in 1967. From 1980 to 1982, he worked at the University of Michigan. Since 1965, he has worked in the field of Tribology with special emphasis on lubricating materials and published more than 160 research papers in national and international journals. Currently, He is a professor and head of the Laboratory of Solid Lubrication, also, deputy director of Lanzhou Institute of Chemical Physics, Chinese Academy of Science.

Associate Professor Guowei Zhang received his BS degree from Department of Material Science and Engineering at Zhejiang University in 1982. Since 1983, he has worked in the field of Tribology with special emphasis on the friction and wear of metal matrix composites and coatings. He is the author of 25 scientific papers, of which six were written in English.