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Sergachev

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(54) **METAL TREATMENT COMPOSITION AND METHOD OF TREATING RUBBING SURFACES**

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See application file for complete search history.

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(57) **ABSTRACT**

A durable anti-wear coating for friction assemblies, a method of making the same and a method of using the same is provided. The method of use results in the formation of an anti-wear coating and selective carbonization of any ferrous surfaces by impregnating the surface layer with carbon, and makes it possible to selectively optimize the clearances between any bearing surface (ferrous or nonferrous). The method may take place during the standard operating process of the mechanism, without disassembly or with only partial disassembly.

15 Claims, No Drawings