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(54) **METHODS FOR USING CARBOXAMIDE, SULFONAMIDE AND AMINE COMPOUNDS**

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(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

Disclosed are uses of carboxamide, sulfonamide and amine compounds for the treatment and amelioration of disorders and conditions related to oxidative stress, mitochondrial dysfunction, free radical damage and metabolic inefficiency, among others. Also described are methods for increasing exercise endurance, exercise efficiency and aerobic workload using the compounds described herein.

25 Claims, No Drawings