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ACTION

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(54) Title: PROCESS FOR REMOVING LOW AMOUNTS OF ORGANIC SULFUR FROM HYDROCARBON FUELS

(57) Abstract: A process for desulfurizing fuels such as diesel oil and similar petroleum products to reduce the sulfur content to a range of from about 2 to 15 ppm sulfur is described. The sulfur containing fuel is contacted at slightly elevated temperatures with an oxidizing/extracting solution of formic acid, a small amount of hydrogen peroxide, and no more than about 25 wt % water. A removal process for separating substituted dibenzothiophene oxidation products from the fuel is also described.