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(71) Applicant: **UNIPURE CORPORATION** [US/US]; Suite
1380, 12 Greenway Plaza, Houston, TX 77046 (US).

(72) Inventors: **RAPPAS, Alkis, S.**; 2903 Laurel Lake, King-
wood, TX 77339 (US). **NERO, Vincent, P.**; 3226 Brinton
Trails Lane, Katy, TX 77494 (US). **DECANTO, Stephen,
J.**; 5806 Centennial Glen Drive, Katy, TX 77450 (US).

(74) Agent: **STREIT, Richard, J.**; Ladas & Parry, 224 S.
Michigan Avenue, Chicago, IL Illinois 60604 (US).

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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.

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