

Title (en)
PROCESS FOR INCREASING THE CETANE NUMBER OF DIESEL FUELS

Publication
EP 0252606 A3 19890315 (EN)

Application
EP 87305023 A 19870605

Priority
US 87216786 A 19860609

Abstract (en)
[origin: EP0252606A2] The cetane number of a middle distillate fuel fraction is increased by contacting said fraction with oxygen or oxidant, in the presence of a catalyst, for a time sufficient to increase the cetane number. The catalyst selectively oxidizes benzylic carbon atoms present in the fuel to ketones. The fuel is preferably hydrotreated before being selectively oxidized.

IPC 1-7
C10G 27/04; **C10G 67/12**; **C10L 1/02**

IPC 8 full level
C10G 27/04 (2006.01); **C10G 53/14** (2006.01); **C10G 67/14** (2006.01); **C10L 1/02** (2006.01); **F02B 3/06** (2006.01)

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Citation (search report)
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