

**Surface Passivation And To Methods For The Reduction Of Fuel Thermal
Degradation Deposits**

ABSTRACT

In a specific embodiment of this invention, deposits and soot formation in a
5 direct injection engine are reduced by passivating the injectors to within 0.1 mm of the
injector nozzle. The fuel used with the inventive injectors comprises fuel-soluble
additives.

(no suitable figure)