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(54) Title: ADDITIVE FOR LIQUID OR LIQUIFIED HYDROCARBON FUELED DIRECT FIRED BURNERS, OPEN FLAMES AND RELATED PROCESSES

(57) Abstract: The present invention relates to the field of fuel additives, in particular, to an additive for hydrocarbon fueled burners and flames to enhance efficiency and/or reduce undesirable emissions, such as pollutants. The fuel additive of the invention includes a phosphorus-containing parent solution. The phosphorus salts are at least partially dispersed and/or dissolved in water or other appropriate solvent to create a phosphorus-containing parent solution that forms the basis for the fuel additive. The phosphorus-containing parent solution is added or mixed with a dispersion fluid.



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