

Optimization of service characteristics of solid fuel in a heat generator

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Abstract

The composition of a solid fuel (SF) is optimized for heat generators with respect to combustion characteristics using information technologies. It is demonstrated on the basis of bench tests that the composition of SF exhibits the required service characteristics. It is indicated that the algorithm in question can be used in automated design systems, permitting the building of an SF-based device for intensification of oil production. © 2012 Springer Science+Business Media New York.

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