

Lowering the Amount of Carbon in Fly Ash from Burning Coal
by a Manganese Additive to the Coal

ABSTRACT

An additive and a method for reducing carbon and fly ash results from the combustion of a mixture of coal and a manganese-containing compound. The manganese compound may be mixed with coal either before or in a combustion chamber. The manganese compound may be an inorganic or organometallic compound. The organometallic compound may include methylcyclopentadienyl manganese tricarbonyl.

(Figure 1)