

Title (en)  
Improvements in and relating to combustion.

Title (de)  
Verbesserung in bezug auf die Verbrennung.

Title (fr)  
Amélioration concernant la combustion.

Publication  
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Application  
**EP 84304239 A 19840622**

Priority  
GB 8316937 A 19830622

Abstract (en)  
During operation of a fossil fuel boiler the combustion process results in the deposition in the boiler flues and heat transfer pipes of scale, smut and soot and other solid products which have a serious effect on boiler efficiency. Regular cleaning therefore has to be undertaken in order to maintain a reasonable standard of boiler efficiency and this is both expensive and time consuming. The present invention introduces controlled amounts of ferric oxide (Fe<sub>2</sub>O<sub>3</sub>) the effect of which is to inhibit the deposition of further solid combustion products such as scale, soot and smut and also to alter the character of existing scale, reducing its adhesion and causing the scale to fall away. The effect is to improve boiler efficiency and reduce maintenance costs.

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IPC 8 full level  
**C10L 10/04** (2006.01); **C10L 10/00** (2006.01); **F23J 7/00** (2006.01)

CPC (source: EP)  
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Citation (search report)  
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AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0130065 A1 19850102; EP 0130065 B1 19881123**; AT E38852 T1 19881215; AU 3741785 A 19850125; DE 3475320 D1 19881229; GB 2142342 A 19850116; GB 2142342 B 19880127; GB 8316937 D0 19830727; GB 8416184 D0 19840801; JP S60501669 A 19851003; WO 8500181 A1 19850117

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