

Title (en)

Use of low-corrosive fuel compositions in boilers

Title (de)

Verwendung von korrosionsarmen Brennstoffzusammensetzungen in einem Kessel

Title (fr)

Utilisation de compositions combustibles peu corrosives dans des chaudières

Publication

**EP 1486555 A1 20041215 (EN)**

Application

**EP 04102498 A 20040603**

Priority

- EP 04102498 A 20040603
- EP 03126742 A 20030604

Abstract (en)

The use in a blue flame burner or an optimised yellow flame burner of a boiler of a fuel oil composition which comprises a base oil and one or more additives selected from antioxidants, heterogeneous nitrogen compounds and slightly hydrotreated or straight run fuel fractions, for the purpose of reducing the levels of high temperature corrosion in one or more portions of said burner. This has particular applicability where said fuel oil composition contains no more than 500ppm sulphur.

IPC 1-7

**C10L 1/22**; **C10L 1/18**; **C10L 10/04**

IPC 8 full level

**C10L 1/183** (2006.01); **C10L 1/22** (2006.01); **C10L 1/232** (2006.01); **C10L 10/04** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP)

**C10L 1/183** (2013.01); **C10L 1/22** (2013.01); **C10L 1/232** (2013.01); **C10L 10/04** (2013.01); **C10L 10/08** (2013.01); **C10L 1/224** (2013.01)

Citation (search report)

- [PX] WO 2004009743 A1 20040129 - SHELL INT RESEARCH [NL], et al
- [PX] WO 2004009742 A1 20040129 - SHELL INT RESEARCH [NL], et al
- [X] US 1768910 A 19300701 - IHRIG HARRY K
- [X] GB 2156848 A 19851016 - EXXON RESEARCH ENGINEERING CO
- [X] FR 2411230 A1 19790706 - BOUCQUEY LUCIEN [FR]
- [X] EP 0816476 A1 19980107 - TOTAL RAFFINAGE DISTRIBUTION [FR]
- [A] GB 978195 A 19641216 - HUGO SENFT

Citation (examination)

WO 2004009741 A1 20040129 - SHELL INT RESEARCH [NL], et al

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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