

Title (en)

METHOD FOR THE PREVENTION OF DEPOSITS ON OR THE REMOVAL OF DEPOSITS FROM HEATING AND ANCILLARY SURFACES

Publication

**EP 0058086 B1 19850814 (EN)**

Application

**EP 82300638 A 19820209**

Priority

GB 8103859 A 19810209

Abstract (en)

[origin: EP0058086A2] A method for preventing deposits on or removing deposits from heating and ancillary surfaces of boilers and like equipment, which method comprises continuously or intermittently introducing into the combustion chamber of the equipment or into the flue gas stream in atomized form by means of at least one injection device a liquid additive comprising an aqueous solution of a mixture of ammonium nitrate, at least one nitrate of an alkali metal, optionally at least one nitrate of an alkaline earth metal and an indicator, monitoring the pH value or the additive and, if necessary adjusting the pH value to within the range of from 7 to 9, monitoring the dewpoint of the flue gas stream and adjusting as necessary, the amount and composition of the additive supplied to the metering device in order to adjust the dew point of the flue gas stream to the desired level.

IPC 1-7

**C10L 10/00**; **C10B 43/00**

IPC 8 full level

**C10B 43/00** (2006.01); **C10L 10/00** (2006.01); **C10L 10/06** (2006.01)

CPC (source: EP)

**C10L 10/06** (2013.01)

Citation (examination)

EP 0053085 A1 19820602 - SOMALOR FERRARI SOMAFER ETS [FR]

Cited by

AT391873B; CN109504405A; WO2023193958A1; WO9428091A1; WO8908803A1

Designated contracting state (EPC)

AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0058086 A2 19820818**; **EP 0058086 A3 19820908**; **EP 0058086 B1 19850814**; AT E14897 T1 19850815; DE 3265325 D1 19850919; GB 2095283 A 19820929; GB 2095283 B 19840801

DOCDB simple family (application)

**EP 82300638 A 19820209**; AT 82300638 T 19820209; DE 3265325 T 19820209; GB 8103859 A 19810209