

Title (en)

METHOD OF INHIBITING BOILER CORROSION AND COMPOSITIONS FOR IT

Publication

**EP 0215655 B1 19900110 (EN)**

Application

**EP 86307064 A 19860912**

Priority

- US 77693585 A 19850917
- US 79500985 A 19851104
- US 80134985 A 19851125

Abstract (en)

[origin: EP0215655A1] A method of inhibiting corrosion in boilers and boiler feedwater systems comprises adding to boiler feedwater containing dissolved oxygen an additive that is at least one trihydroxybenzene compound, hexahydroxybenzene, levodopa, and/or a salt, homologue or analogue of levodopa. There may also be added, as second corrosion inhibitor, one or more of hydroquinone, methoxypropylamine, cyclohexylamine, diethylethanolamine, morpholine, diethyl hydroxylamine, dimethyl amino-2-propanol, carbohydrazide, 2-amino-2-methylpropanol, erythorbic acid, and salts of erythorbic acid. Compositions comprising the additive and such a second corrosion inhibitor are novel.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (examination)

Kirk-Othmer: Encyclopedia of Chemical Technology, 3rd. ed., vol. 18 (1982), p.681; vol. 24(1984, p.379

Cited by

EP0343712A1; RU2702534C1; EP0426212A1; CN111233178A; KR100315497B1; KR100315496B1

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