

Title (en)
Boiler with denitrification apparatus

Title (de)
Kessel mit Denitrierungsvorrichtung

Title (fr)
Chaudière avec appareil de dénitrification

Publication
EP 0753701 A1 19970115 (EN)

Application
EP 96110432 A 19960627

Priority
JP 17605595 A 19950712

Abstract (en)
Object: In a boiler firing heavy oil etc., to make the operational temperature of a denitrification apparatus appropriate as well as to make the gas temperature of an air preheater and an electrostatic precipitator appropriate so that a long term continuous and stable operation is made possible.
Construction: An economizer being divided into a high temperature economizer (4) and a low temperature economizer (7) disposed, respectively, on the upstream side and on the downstream side of a denitrification apparatus is provided so that the denitrification apparatus (6) can be operated at an appropriate operational temperature. Further, a by-pass duct (15,18) is provided to either or both of the high temperature economizer (4) and the low temperature economizer (7) so that the gas temperature of the denitrification apparatus (6), an air preheater and an electrostatic precipitator (10) is made appropriate. <IMAGE>

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CPC (source: EP)
F22B 37/008 (2013.01); **F23J 15/006** (2013.01)

Citation (search report)
• [X] US 5423272 A 19950613 - DUNN JR THOMAS J [US], et al
• [X] FR 2360045 A1 19780224 - HITACHI SHIPBUILDING ENG CO [JP]
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