

Title (en)
Plates on boiler tube walls

Title (de)
Platten an Kesselrohrwänden

Title (fr)
Plaques aux parois tubulaires de chaudière

Publication
EP 1236954 A1 20020904 (DE)

Application
EP 01105168 A 20010302

Priority
EP 01105168 A 20010302

Abstract (en)
System for fixing fire-proof plates onto boiler tube walls, especially of steam generators and combustion plants, comprises holding a plate on metal tube bars fixed, especially welded, between tubes. Metal bolts fixed, especially horizontally, in or onto the tube bars protrude forward over the tubes and lie in a form-locking manner in a rear bore of the plate. Preferred Features: The front end of the bolt lying in the bore is divided into two or more flexible fingers which engage in an inner extension of the bore.

Abstract (de)
Die Erfindung betrifft ein System zum Befestigen von feuerfesten Platten (7) an Kesselrohrwänden (1) insbesondere von Dampferzeugern und Verbrennungsanlagen, wobei die Platten (7) an metallenen Rohrstegen (2) gehalten sind, die zwischen den Rohren befestigt insbesondere angeschweißt sind. In oder an den Rohrstegen (2) sind metallene Bolzen (3) insbesondere waagerecht befestigt, die nach vorne über die Rohre hinausragen und jeweils in einer rückseitigen Sackbohrung (6) der Platte (7) formschlüssig einliegen. <IMAGE>

IPC 1-7
F22B 37/10; **F23M 5/04**

IPC 8 full level
F22B 37/10 (2006.01); **F23M 5/02** (2006.01); **F23M 5/04** (2006.01); **F23M 5/08** (2006.01)

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Citation (search report)
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• [X] EP 0239442 A1 19870930 - CONSTR NAVALES IND [FR]
• [A] WO 9533956 A1 19951214 - SAINT GOBAIN NORTON IND CERAMI [US]
• [A] WO 0057106 A1 20000928 - SAINT GOBAIN NORTON IND CERAMI [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09 31 July 1998 (1998-07-31)

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