

Title (en)
FIXING STRUCTURE OF REFRACTORY TILE FOR PROTECTING WATER TUBE AND REFRACTORY STRUCTURE FOR PROTECTING WATER TUBE

Title (de)
BEFESTIGUNGSKONSTRUKTION FÜR FEUERFESTE PLATTE ZUM SCHUTZ VON WASSERROHREN UND FEUERFESTE KONSTRUKTION ZUM SCHUTZ VON WASSERROHREN

Title (fr)
STRUCTURE DE FIXATION DE BRIQUE REFRACTAIRE POUR PROTECTION DE TUBE D'EAU, ET STRUCTURE REFRACTAIRE DE PROTECTION DE TUBE D'EAU

Publication
EP 1443269 A4 20060705 (EN)

Application
EP 02780008 A 20021106

Priority
• JP 0211558 W 20021106
• JP 2001343788 A 20011108

Abstract (en)
[origin: EP1443269A1] The object of this invention is to provide a fireproof structure for protecting water pipes in boilers and the like using refractory tiles which, even in areas where it would be difficult to slidably join them together, allows said refractory tiles to be easily and securely installed, and be manufactured at a low cost. The support members 15 provided on water pipes 10 have a sectional dimension at the base which is smaller than a sectional dimension at the tip, and the refractory tiles have an indent 14 on an engagement side facing the support member, the indent is wider than the tip of the support member to allow the indent to be freely inserted in the fore-aft direction onto the support members. Further, in this invention, the sectional dimension of the support member is stepped up from the base toward the tip, or smoothly tapered to the larger dimension. <IMAGE>

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [X] EP 0239442 A1 19870930 - CONSTR NAVALES IND [FR]
• [PX] US 2002077767 A1 20020620 - TERASHIMA YASUHIRO [JP], et al
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• [E] EP 1310731 A1 20030514 - MITSUBISHI HEAVY IND LTD [JP]
• See references of WO 03040617A1

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