

Title (en)

A method of providing a pipe bundle reinforced particularly against vibration, and a reinforced pipe bundle of this type.

Title (de)

Verfahren zur Erzeugung eines, insbesondere gegen Schwingungen verstärkten Rohrbündels, und verstärktes Rohrbündel dieser Bauart.

Title (fr)

Méthode de réalisation d'un faisceau de tubes renforcé en particulier contre les vibrations, et faisceau de tubes renforcé de ce type.

Publication

EP 0646760 A1 19950405 (EN)

Application

EP 94850161 A 19940921

Priority

NO 933519 A 19931001

Abstract (en)

To dampen vibration in pipes in, for example, gas radiators, thin plastic tubes (10,11,12) are threaded between the pipes (1-9). These plastic tubes are pumped full of a self-hardening material, for example 2-component epoxy, and pressurized during hardening. The tubes (10,11,12) in their distended state will have a diameter larger than the gap or space between the pipes (1-9), thus placing the pipes under tension when the tubes (10,11,12) are filled and pressurized. <IMAGE>

IPC 1-7

F28F 9/013

IPC 8 full level

F28F 9/013 (2006.01)

CPC (source: EP)

F28F 9/0132 (2013.01)

Citation (search report)

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- [A] EP 0186957 A1 19860709 - WESTINGHOUSE ELECTRIC CORP [US]
- [A] US 4662434 A 19870505 - POROWSKI JAN S [US]
- [A] GB 2174172 A 19861029 - TECHNOS & CO
- [X] PATENT ABSTRACTS OF JAPAN vol. 10, no. 222 (M - 504) 2 August 1986 (1986-08-02)

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EP1624272A1; EP2687807A3; US7793708B2; US9102024B2; WO2012082594A1

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