

Title (en)

Vibration suppression device of heat transfer tube and steam generator

Title (de)

Vibrationsunterdrückungsvorrichtung für ein Wärmeübertragungsrohr und Dampfgenerator

Title (fr)

Dispositif de suppression de vibration d'un tube de transfert de chaleur et générateur de vapeur

Publication

EP 2679945 A3 20141022 (EN)

Application

EP 13161723 A 20130328

Priority

JP 2012142460 A 20120625

Abstract (en)

[origin: EP2679945A2] There is provided a vibration suppression device of a heat transfer tube (100) including: a cord member (101) that has flexibility and is disposed in a heat transfer tube (66); and a plurality of sleeves (102, 103) that are mounted outside the cord member (101) with a predetermined first gap and are disposed on an inner face of the heat transfer tube (66) with a predetermined second gap.

IPC 8 full level

F22B 1/02 (2006.01); **F22B 37/20** (2006.01); **F28D 7/06** (2006.01); **F28F 1/00** (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP US)

F22B 1/025 (2013.01 - EP US); **F22B 37/206** (2013.01 - EP US); **F28D 7/06** (2013.01 - EP US); **F28F 1/00** (2013.01 - US); **F28F 9/0132** (2013.01 - EP US); **F28F 2265/30** (2013.01 - EP US)

Citation (search report)

- [XA] WO 9743580 A1 19971120 - WESTINGHOUSE ELECTRIC CORP [US]
- [XA] EP 0418097 A1 19910320 - WESTINGHOUSE ELECTRIC CORP [US]
- [A] EP 0148453 A2 19850717 - WESTINGHOUSE ELECTRIC CORP [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2679945 A2 20140101; **EP 2679945 A3 20141022**; JP 2014006165 A 20140116; US 2013340971 A1 20131226

DOCDB simple family (application)

EP 13161723 A 20130328; JP 2012142460 A 20120625; US 201313853650 A 20130329