

Title (en)
Decontamination method of heat exchanger and decontamination method

Title (de)
Dekontaminierungsverfahren für Wärmetauscher und Dekontaminierungsverfahren

Title (fr)
Procédé de décontamination d'un échangeur thermique et procédé de décontamination

Publication
EP 2264716 A3 20110706 (EN)

Application
EP 10165462 A 20100610

Priority
JP 2009140819 A 20090612

Abstract (en)
[origin: EP2264716A2] To include a step (Step S13) of flowing air into a heat transfer tube (304), and setting a flow rate (Qp) of abrasive particles to be mixed into air based on a pressure loss between an inlet (304a) side and an outlet (304b) side of the heat transfer tube (304); a step (Step S14) of calculating a permissible grinding time (tA) required until a curved portion (a point A) of the heat transfer tube (304) reaches a permissible grinding thickness based on the flow rate (Qp) of the abrasive particles; and a step (Step S15) of flowing air mixed with the abrasive particles into the heat transfer tube (304) for a time that is a half of the permissible grinding time (tA) and then backwardly flowing air mixed with the abrasive particles into the heat transfer tube (304) for a time that is a half of the permissible grinding time (tA).

IPC 8 full level
G21F 9/00 (2006.01); **G21F 9/28** (2006.01)

CPC (source: EP)
G21F 9/004 (2013.01); **G21F 9/005** (2013.01); **G21F 9/28** (2013.01)

Citation (search report)

- [AP] JP 2010122076 A 20100603 - MITSUBISHI HEAVY IND LTD
- [A] FR 2586322 A1 19870220 - FRAMATOME SA [FR]
- [A] DE 4306631 A1 19940908 - SIEMENS AG [DE]

Cited by
RU2505872C2; ITVI20120114A1; WO2013018010A3

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2264716 A2 20101222; EP 2264716 A3 20110706; EP 2264716 B1 20141105; JP 2010286374 A 20101224; JP 4796173 B2 20111019

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EP 10165462 A 20100610; JP 2009140819 A 20090612