

Title (en)

Heat exchange device with angled or perpendicular surfaces and with cleaning

Title (de)

Wärmetauscheranlage mit geneigten oder senkrechten Flächen und mit Reinigung

Title (fr)

Installation d'échangeur thermique dotée de surfaces inclinées ou verticales et d'un nettoyage

Publication

**EP 2034266 A3 20130724 (DE)**

Application

**EP 08009542 A 20080526**

Priority

- DE 102008009828 A 20080218
- DE 102007042855 A 20070910

Abstract (en)

[origin: EP2034266A2] The system has a nozzle holder carrier arranged along a longitudinal direction of a set of cooling tubes, where the nozzle holder carrier overlaps the cooling tubes or a cooling battery. A carriage is displaceable on the cooling tubes or the cooling battery, where the carriage carries a nozzle holder with a set of nozzles i.e. fan nozzles. The cooling tubes are subjected with a cleaning fluid from the nozzles. A cleaning device (31) is controllable from an upper end and/or is remotely controllable by mobile control lines or by a radio.

IPC 8 full level

**F28G 1/16** (2006.01); **F28G 3/16** (2006.01); **F28G 15/02** (2006.01); **F28G 15/04** (2006.01); **F28B 1/06** (2006.01)

CPC (source: EP)

**F28G 1/166** (2013.01); **F28G 3/166** (2013.01); **F28G 15/02** (2013.01); **F28G 15/04** (2013.01); **F28B 1/06** (2013.01)

Citation (search report)

- [XYI] DE 19739622 A1 19990311 - JARESCH U WEGENER DIRK [DE]
- [A] EP 0162309 A2 19851127 - SCHMUTZ GMBH ERNST [DE]
- [A] US 5555851 A 19960917 - VANDENBERG JAMES P [CA]
- [Y] WO 0238292 A2 20020516 - J & W REINIGUNGSSYSTEME FUER T [DE], et al

Cited by

CN102003916A; DE202014102836U1; EP3705833A1; EP3650793A1; US2024027149A1; CN101814801A; US2012204914A1; US9347718B2; EP2317274A3; FR3124249A1; US11105569B2; US11958086B2; EP4023999A1; WO2011107823A1; US11543193B2; WO2011042883A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2034266 A2 20090311**; **EP 2034266 A3 20130724**; DE 102008036951 A1 20090312; DE 202008017300 U1 20090520

DOCDB simple family (application)

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