

Title (en)

An apparatus and method for electrochemically protecting and/or cleaning surfaces of a heat exchanger

Title (de)

Vorrichtung und Verfahren zum elektrochemischen Schützen und/oder Reinigen von Wärmetauscherflächen

Title (fr)

Appareil et procédé pour protéger et/ou nettoyer électrochimiquement des surfaces d'un échangeur thermique

Publication

**EP 2372292 A2 20111005 (EN)**

Application

**EP 11160856 A 20110401**

Priority

GB 201005565 A 20100401

Abstract (en)

An apparatus and methods for electrochemically protecting and/or cleaning surfaces of a heat exchanger (20) are disclosed. The apparatus comprises heat transfer plates (6,6',6",6'''') forming at least one flow channel (40,42) there between. At least one electrode plate (3,3') is arranged in the flow channel between the heat transfer plates (6,6',6",6''''), the at least one electrode (3,3') plate substantially resembling from the size and shape thereof the adjacent heat transfer plates (6,6',6",6''''). Insulating means (9) for providing electrical isolation between the at least one electrode plate (3,3') and the heat transfer plate (6,6',6",6'''') and at least one conductive element (1,21,44) for conducting current to the at least one electrode plate (3,3') are also provided.

IPC 8 full level

**F28F 19/00** (2006.01)

CPC (source: EP)

**F28F 19/004** (2013.01); **F28G 13/00** (2013.01)

Citation (applicant)

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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 2372292 A2 20111005**; GB 201005565 D0 20100519

DOCDB simple family (application)

**EP 11160856 A 20110401**; GB 201005565 A 20100401