

Title (en)

A low surface temperature (LST) heating apparatus

Title (de)

Heizvorrichtung mit geringer Oberflächentemperatur (LST)

Title (fr)

Appareil de chauffage à faible température de surface (LST)

Publication

**EP 2908060 A1 20150819 (EN)**

Application

**EP 15152753 A 20150127**

Priority

GB 201402834 A 20140218

Abstract (en)

A low surface temperature (LST) heating apparatus comprising a heat source (1); a multiplicity of upwardly extending conduits (9) in front of, and spaced apart from, the heat source (1) but arranged such that the conduits (9) are heated by the heat source; and a cover (5), the cover (5) being arranged to substantially enclose the conduits (9) and the heat source (1). The conduits (9) are arranged such that, when they are heated by the heat source (1) a natural convection current is created.

IPC 8 full level

**F24D 19/06** (2006.01); **F28D 1/02** (2006.01)

CPC (source: EP GB)

**F24D 19/064** (2013.01 - EP GB); **F24H 9/02** (2013.01 - GB); **F28D 1/0233** (2013.01 - EP); **F28D 1/0233** (2013.01 - GB)

Citation (search report)

- [A] CH 500460 A 19701215 - RUNTAL HOLDING CO SA [CH]
- [A] US 1716459 A 19290611 - PHELPS GEORGE H, et al
- [A] NL 7407089 A 19750429 - ERBSLOEH JULIUS & AUGUST [DE]
- [A] GB 2031577 A 19800423 - JOHNSON C
- [A] WO 2012004971 A1 20120112 - PANASONIC CORP [JP], et al
- [A] FR 2947614 A1 20110107 - GALMES ALAIN [FR]
- [A] EP 2163841 A2 20100317 - FREUND HERBERT [AT], et al

Cited by

GB2602823A

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 2908060 A1 20150819**; **EP 2908060 B1 20170830**; GB 201402834 D0 20140402; GB 201501357 D0 20150311; GB 2524373 A 20150923; GB 2524373 A9 20170215; GB 2524373 B 20171206

DOCDB simple family (application)

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