

Title (en)

Self-supporting thermal insulated panel with air gaps

Title (de)

Selbstragendes thermisches Dämmpaneel mit Luftspalten

Title (fr)

Caisson d'isolation thermique autoporteur à lames d'air

Publication

**EP 2314787 B1 20120627 (FR)**

Application

**EP 10188243 A 20101020**

Priority

FR 0905049 A 20091021

Abstract (en)

[origin: EP2314787A1] The box (1) has an air gap (7) defined by parallelepiped thermal insulated modules (10) forming an enclosure constituted of a rectangular chassis (11), where width of the chassis corresponds to a space between stringers (4) fixed on a thermal insulated panel (2). A main face of the chassis extends from a reflecting insulating sheet (12). An insulating block (20) is constituted of a stack of the modules parallel to the panel. The sheet extends below the chassis. A skirt (12') is folded on an outer wall of the chassis. The outer wall of the chassis is made of metal.

IPC 8 full level

**E04B 7/22** (2006.01)

CPC (source: EP)

**E04B 1/7654** (2013.01); **E04B 7/22** (2013.01); **E04D 13/1625** (2013.01)

Cited by

US11959272B1

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

DOCDB simple family (publication)

**EP 2314787 A1 20110427**; **EP 2314787 B1 20120627**; FR 2951473 A1 20110422; FR 2951473 B1 20111216

DOCDB simple family (application)

**EP 10188243 A 20101020**; FR 0905049 A 20091021