

Title (en)

Method for manufacturing an isothermal plate assembly with predetermined shape

Title (de)

Herstellungsverfahren für eine isotherme Plattenanordnung mit vorbestimmter Form

Title (fr)

Procédé de fabrication d'un ensemble des plaques isothermes avec forme prédéterminée

Publication

**EP 1681527 A1 20060719 (EN)**

Application

**EP 05000861 A 20050117**

Priority

EP 05000861 A 20050117

Abstract (en)

An isothermal plate assembly (1) with predetermined shape and method for manufacturing the same are proposed. An upper plate (11) and a lower plate (12) with predetermined shape are provided and an accommodation space (13) is defined therebetween. A flattened heat pipe (2) is bent into the predetermined shape and placed into the accommodation space (13). A binding agent is applied on the face between the heat pipe (2), the upper plate (11) and the lower plate (12). The upper plate (11) and the lower plate (12) are assembled and then a hot melting process is executed. The resultant product is then cooled to form a finished isothermal plate assembly (1) with predetermined shape.

IPC 8 full level

**F28D 15/02** (2006.01)

CPC (source: EP)

**F28D 15/0233** (2013.01)

Citation (search report)

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