

Title (en)

HEATING APPARATUS HAVING AT LEAST TWO THERMOELECTRIC MODULES WHICH ARE CONNECTED IN SERIES

Title (de)

HEIZVORRICHTUNG MIT ZUMINDEST ZWEI IN REIHE GESCHALTETEN THERMOELEKTRISCHEN MODULEN

Title (fr)

DISPOSITIF DE CHAUFFAGE AVEC AU MOINS DEUX MODULES THERMOÉLECTRIQUES MONTÉS EN SÉRIE

Publication

EP 2087162 B1 20100331 (DE)

Application

EP 07821679 A 20071023

Priority

- EP 2007061315 W 20071023
- DE 102006050055 A 20061024

Abstract (en)

[origin: US2011016889A1] A heating apparatus including at least two thermoelectric modules connected in series, and at least one switching arrangement connected in parallel with one of the at least two thermoelectric modules such that electrical current flows via the at least one switching arrangement in an event of a failure of the one of the at least two thermoelectric modules.

IPC 8 full level

D06F 58/50 (2020.01)

CPC (source: EP US)

D06F 58/50 (2020.02 - EP US); **H05B 1/0252** (2013.01 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 2105/28** (2020.02 - EP US); **F25B 21/02** (2013.01 - EP US)

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DOCDB simple family (publication)

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US 44576907 A 20071023; AT 07821679 T 20071023; DE 102006050055 A 20061024; DE 502007003352 T 20071023; EP 07821679 A 20071023; EP 2007061315 W 20071023