

Title (en)  
Heat emitting device

Title (de)  
Wärmeemittierende Vorrichtung

Title (fr)  
Dispositif d'émission de chaleur

Publication  
**EP 2589917 A1 20130508 (EN)**

Application  
**EP 11187408 A 20111101**

Priority  
EP 11187408 A 20111101

Abstract (en)  
Radiators comprising plastic heating tubes (140) and metal heat collectors (35) and emitters (10).

IPC 8 full level  
**F28F 21/06** (2006.01); **F28D 1/04** (2006.01)

CPC (source: EP)  
**F28D 1/0477** (2013.01); **F28F 1/22** (2013.01); **F28F 21/063** (2013.01); **F28F 27/02** (2013.01)

Citation (search report)

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- [Y] GB 2243678 A 19911106 - HARTLEY KEVIN PAUL
- [Y] US 4073045 A 19780214 - MARGEN PETER HEINRICH ERWIN, et al
- [X] DE 19653440 A1 19980625 - KERMI GMBH [DE]
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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 2589917 A1 20130508**; EP 2589918 A1 20130508

DOCDB simple family (application)  
**EP 11187408 A 20111101**; EP 12190994 A 20121101