

Title (en)

Improved thermal efficiency radiator for bath rooms and the like.

Title (de)

Heizkörper mit einem verbesserten thermischen Wirkungsgrad für Badezimmer und dergleichen.

Title (fr)

Radiateur à efficacité thermique améliorée pour salles de bain et similaire.

Publication

**EP 0446183 A1 19910911 (EN)**

Application

**EP 91830059 A 19910220**

Priority

IT 1961090 A 19900308

Abstract (en)

A pair of upright manifolds (2) are coupled to one another by a plurality of horizontal pipes (10) having, at the coupling ends thereof, a cut slanted with respect to the pipe axis. A portion of the above pipes (10), arranged at the bottom, have the longer end portions thereof downward turned, whereas the pipe portions arranged at the top have the longer end portions upward turned. <IMAGE>

IPC 1-7

**F28D 1/053**

IPC 8 full level

**F28D 1/053** (2006.01); **F28F 1/02** (2006.01); **F28F 9/04** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP)

**F28D 1/05316** (2013.01); **F28F 1/025** (2013.01); **F28F 9/0246** (2013.01); **F28F 9/026** (2013.01)

Citation (search report)

- [A] US 3750744 A 19730807 - BOURAS S
- [A] FR 983722 A 19510627 - CONST MECANIKES DE L ILE DE F
- [A] FR 1350811 A 19640131
- [A] FR 2452690 A1 19801024 - RUNTAL HOLDING CO SA [CH]

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WO2004090449A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI

DOCDB simple family (publication)

**EP 0446183 A1 19910911**; **EP 0446183 B1 19931110**; AT E97227 T1 19931115; DE 69100604 D1 19931216; DE 69100604 T2 19940511; IT 1239359 B 19931020; IT 9019610 A0 19900308; IT 9019610 A1 19910908

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