

Title (en)  
Radiating convection heating apparatus.

Title (de)  
Konvektionsstrahlungsheizgerät.

Title (fr)  
Appareil de chauffage à rayonnement et à convection.

Publication  
**EP 0482494 A1 19920429 (EN)**

Application  
**EP 91117644 A 19911016**

Priority  
IT 2184490 A 19901023

Abstract (en)  
The present invention relates to a radiating convection heating apparatus which comprises two side wall compartments (2,3), between which a plurality of column-like elements (5) is arranged; the column-like elements extend between a lower manifold (6) and an upper manifold (7) so as to define a chamber for containing diathermic oil which can be heated by means of an electric resistor. The peculiarity of the invention is constituted by the fact that it comprises a fan (10) the air delivery whereof is connected to a heat exchange duct (20) which extends inside said upper manifold and exits at one (3) of said side wall compartments. <IMAGE>

IPC 1-7  
**F24D 13/04; F24H 3/06**

IPC 8 full level  
**F24H 3/00** (2006.01); **F24H 3/04** (2006.01); **F24D 13/04** (2006.01); **F24H 3/06** (2006.01)

CPC (source: EP KR)  
**F24H 3/00** (2013.01 - KR); **F24H 3/004** (2013.01 - EP); **F24H 3/0417** (2013.01 - EP)

Citation (search report)

- [A] DE 6906398 U 19690703 - RECORD WINKELSTRAETER GMBH FA [DE]
- [A] DE 7040946 U
- [AP] DE 3915932 A1 19901122 - THERMOTECHNIK DIPL ING LUDWIG [DE]

Cited by  
EP0965801A3; EP0867667A3; CN102338414A; ES2276567A1; WO2020010805A1

Designated contracting state (EPC)  
BE CH DE ES FR GB LI NL

DOCDB simple family (publication)  
**EP 0482494 A1 19920429; EP 0482494 B1 19940525**; AU 644907 B2 19931223; AU 8671091 A 19920430; DE 69102119 D1 19940630; DE 69102119 T2 19940901; ES 2054421 T3 19940801; IT 1244838 B 19940906; IT 9021844 A0 19901023; IT 9021844 A1 19920423; JP H04281157 A 19921006; KR 920008430 A 19920528; TR 25719 A 19930901

DOCDB simple family (application)  
**EP 91117644 A 19911016**; AU 8671091 A 19911022; DE 69102119 T 19911016; ES 91117644 T 19911016; IT 2184490 A 19901023; JP 27535991 A 19911023; KR 910018614 A 19911022; TR 104091 A 19911023