Abstract: In a hydronic radiant heating and/or cooling system modular panels (131) each of a metal plate or sheet on a board or boards providing a slot into which tubing (20) is inserted and held against the plate in intimate thermal contact therewith, so that the plate is heated/cooled by conduction of heat between the water in the tubing and the plate, the improvement in which two or more of said panels are hinged together, side by side or end to end to provide a hinged set of panels so that two or more of sets of hinged panels unfolded at their hinges and arranged side by side on a floor, wall or ceiling provide elongated spaces into which said tubing is inserted and held against said radiation plate a finished floor, wall or ceiling covering can be installed thereon and said system operated to heat or cool said room.
A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC.

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. 237/69

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 5,788,152 A (ALSBERG) 04 August 1998 (04.08.1998)</td>
<td>1-20</td>
</tr>
<tr>
<td>A</td>
<td>US 5,579,996 A (FIEDRICH) 03 December 1996 (03.12.1996)</td>
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<td>A</td>
<td>US 5,078,203 A (SHIROKI) 07 January 1992 (07.01.1992)</td>
<td>1-20</td>
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</table>

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

Special categories of cited documents:

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- "A" document member of the same patent family

Date of the actual completion of the international search 14 November 2000 (14.11.2000)

Date of mailing of the international search report 21 Nov. 2000

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703)305-3230

Authorized officer

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Form PCT/ISA/210 (second sheet) (July 1998)