

Title (en)  
Heat insulating panels.

Title (de)  
Paneel zur Wärmeisolierung.

Title (fr)  
Panneau d'isolation thermique.

Publication  
**EP 0248674 A1 19871209 (EN)**

Application  
**EP 87304993 A 19870605**

Priority  
GB 8613841 A 19860606

Abstract (en)  
A heat insulating panel arranged to be exposed to high temperatures, in excess of 700 DEG C, has a ceramic fibre core in two or more layers (8,10,12) with a metallic membrane (4,6) being interposed between the successive layers. The internal membrane or membranes inhibits the passage of shorter wavelength energy between successive layers so acting as a radiation barrier that increases the efficiency of operation of those layers to improve the insulating properties of the panel. For use at very high temperatures, the hot face (2) of the panel may comprise a ceramic material preferably with a glazed surface.

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**F27D 1/06**; **F27D 1/00**

IPC 8 full level  
**F27D 1/00** (2006.01); **F27D 1/06** (2006.01)

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**F27D 1/0009** (2013.01); **F27D 1/0033** (2013.01); **F27D 1/06** (2013.01)

Citation (search report)  
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