

Title (en)  
SUNROOF

Title (de)  
SONNENDACH

Title (fr)  
TOIT OUVRANT

Publication  
**EP 2078177 A2 20090715 (EN)**

Application  
**EP 07826700 A 20071009**

Priority  
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Abstract (en)  
[origin: WO2008044209A2] A sunroof, which is adapted to provide either home passive heating by solar accumulation or passive refrigeration due to its particular structure that additionally provides insulation conditions from the external environment. The sunroof allows incorporating heating and refrigeration during construction of upper-middle class homes for users looking for biosustainable solutions in the long term at present reasonable prices and included in moderately innovative products. The sunroof is comprised by structural sheets (preferable metallic) over which substantially parallel first and second transparent laminar elements are positioned, defining between said sheets and the first laminar elements a first chamber, and forming between first and second laminar elements a second watertight chamber; the first chamber is capable of being filled with water as the external and upper surface of the second transparent laminar element, which is filled with water or opaque and/or reflective liquids. Preferably, a stationary reflective cover is positioned over said laminar elements.

IPC 8 full level  
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