

Title (en)  
SOLAR ABSORBERS

Title (de)  
SONNENABSORBER

Title (fr)  
DISPOSITIF D'ABSORPTION D'ENERGIE SOLAIRE

Publication  
**EP 0991902 A1 20000412 (EN)**

Application  
**EP 98916651 A 19980424**

Priority  
• AU 9800295 W 19980424  
• AU PO650897 A 19970424

Abstract (en)  
[origin: WO9849501A1] A solar energy absorber panel for heating a fluid, joins a plurality of solar absorber subassemblies (52), each subassembly includes a plurality of absorber tubes (55) surrounded by a solar energy transmissive enclosure (29), said tubes extending between an upper and a lower manifold (53, 54). Adjacent subassemblies are joined by the respective upper and lower manifold ends by connection means (10) that utilise counter rotating screw mechanism and O-ring seal. The solar energy transmissive enclosure (29) is a single piece extruded glazing means with a passage between transversely extended flat faces with opposed ribs (32) to bracket absorber tubes. The upper and lower manifolds (53, 54) have outwardly extending spouts (23) to engage with the absorber tubes (55) and a skirt (24) joined thereto by locking means such as pins.

IPC 1-7  
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IPC 8 full level  
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