

Title (en)  
MANUFACTURE OF AN EVAPORATOR FOR A HEAT TRANSFER SYSTEM

Title (de)  
HERSTELLUNG EINES VERDAMPFERS FÜR EIN WÄRMEÜBERTRAGUNGSSYSTEM

Title (fr)  
FABRICATION D'UN ÉVAPORATEUR POUR UN SYSTEME DE TRANSFERT DE CHALEUR

Publication  
**EP 1682309 A2 20060726 (EN)**

Application  
**EP 04810031 A 20041028**

Priority  
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Abstract (en)  
[origin: WO2005043059A2] A method of making an evaporator includes orienting a vapor barrier wall, orienting a liquid barrier wall, and positioning a wick between the vapor barrier wall and the liquid barrier wall. The vapor barrier wall is oriented such that a heat-absorbing surface of the vapor barrier wall defines at least a portion of an exterior surface of the evaporator. The exterior surface is configured to receive heat. The liquid barrier wall is oriented adjacent the vapor barrier wall. The liquid barrier wall has a surface configured to confine liquid. A vapor removal channel is defined at an interface between the wick and the vapor barrier wall. A liquid flow channel is defined between the liquid barrier wall and the primary wick.

IPC 8 full level  
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