

Title (en)  
PERVAPORATIVELY COOLED CONTAINERS

Title (de)  
PERVAPORATIV GEKÜHLTE BEHÄLTER

Title (fr)  
RECEPTACLES REFROIDIS PAR PERVAPORATION

Publication  
**EP 1549890 A2 20050706 (EN)**

Application  
**EP 03734378 A 20030603**

Priority  
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Abstract (en)  
[origin: WO03102480A2] Disclosed are beverage and liquid containers that use pervaporation to cool a liquid or material residing in the container. The pervaporative cooling is preferably achieved by use of porous matrices which allow for the passage through the matrix of small quantities of volatile components from a liquid or beverage, such as water or alcohol, the evaporation of which cools the container by virtue of the latent heat of evaporation of the liquid. Alternatively, a pervaporative sleeve may be used to cool a container residing within or in contact with the sleeve.

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**F25D 7/00**; B65D 81/18; A41D 13/005

IPC 8 full level  
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