

Title (en)  
Cold water producing system.

Title (de)  
Kaltwassererzeugungsanlage.

Title (fr)  
Système de production d'eau froide.

Publication  
**EP 0500020 B1 19940202 (DE)**

Application  
**EP 92102614 A 19920217**

Priority  
• DE 9102050 U 19910221  
• DE 9110982 U 19910904

Abstract (en)  
[origin: EP0500020A1] The system has a container (2) for receiving an ice-water mixture, a heat exchanger (8) arranged above it for periodic ice production, and with conduit connections (6) for the supply and discharge of water. A space-saving arrangement with favourable construction cost and good heat economy properties can be achieved by arranging the heat exchanger (8) carried by the container (2) in the upper space of the container. The ice-water storage space is here made with small transverse dimensions and correspondingly greater height (5), to reduce its diameter in the container. The problem of heat layering resulting from this is avoided by the formation of a vertical throughflow which can be reinforced by blowing in air (15). <IMAGE>

IPC 1-7  
**F25D 16/00**; **F25D 17/02**; **F25C 1/12**

IPC 8 full level  
**F25C 1/12** (2006.01); **F25C 5/18** (2006.01); **F25D 16/00** (2006.01); **F25D 17/02** (2006.01)

CPC (source: EP)  
**F25C 1/12** (2013.01); **F25C 5/18** (2013.01); **F25D 16/00** (2013.01); **F25D 17/02** (2013.01)

Designated contracting state (EPC)  
CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0500020 A1 19920826**; **EP 0500020 B1 19940202**; DE 59200058 D1 19940317; DE 9110982 U1 19911024; DE 9218174 U1 19930819; DK 0500020 T3 19940530; ES 2049553 T3 19940416

DOCDB simple family (application)  
**EP 92102614 A 19920217**; DE 59200058 T 19920217; DE 9110982 U 19910904; DE 9218174 U 19920217; DK 92102614 T 19920217; ES 92102614 T 19920217