

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)
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