

Title (en)
COLD WATER PRODUCING SYSTEM

Publication
EP 0500019 B1 19930526 (DE)

Application
EP 92102613 A 19920217

Priority
• DE 9102049 U 19910221
• DE 9110981 U 19910904

Abstract (en)
[origin: EP0500019A1] The system has a container (1) for receiving water or an ice-water mixture, an outflow connection (5) for drawing cold water out of the container, a backflow connection (7) for the return of warm water to the system, an ice-producing device or water cooling device (3), in an arrangement feeding ice produced therein and any excess water to the container, and a circulation duct (12) with a suction connection (10) on the container (1) for the circulation, which can be shut off, of water from the container via the ice-producing device. The backflow connection (7) and the suction connection (10) are arranged on the container (1) such that the warm water entering from the backflow connection (7) flows directly to the suction connection (10) when the circulation is open and to the container (1) when the circulation is shut off. The backflow connection (7) and the suction connection (10) are expediently arranged in the deepest region of the container, and a device for treatment with a gas (13) is provided.

IPC 1-7
F25C 5/18; F25D 16/00; F25D 17/02

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 0500019 A1 19920826; EP 0500019 B1 19930526; DE 59200003 D1 19930701; DE 9110981 U1 19911024; DK 0500019 T3 19931018; ES 2043473 T3 19931216

DOCDB simple family (application)
EP 92102613 A 19920217; DE 59200003 T 19920217; DE 9110981 U 19910904; DK 92102613 T 19920217; ES 92102613 T 19920217