

Title (en)

Heat exchange apparatus for cooling water

Title (de)

Wärmetauscher für Kühlwasser

Title (fr)

Echangeur de chaleur pour eau de refroidissement

Publication

EP 1069393 A1 20010117 (EN)

Application

EP 00104287 A 20000301

Priority

JP 20173199 A 19990715

Abstract (en)

The components forming a heat exchange apparatus are integrally combined to omit piping, and the heat exchange apparatus becomes compact. The heat exchange apparatus comprises the following components: A heat exchanger section (50) in which an equipment cooling water for cooling a water cooling type equipment is heat exchanged with other cooling water to keep the equipment cooling water within a predetermined temperature range; a surge tank section (30) connected to a passage (55A-55E) of the equipment cooling water to absorb volume changes of the equipment cooling water; an ion exchanger section (60) disposed at least on a part of the passage (55A-55E) of the equipment cooling water to perform ion exchange of the equipment cooling water; and a pump (72) for circulating the equipment cooling water between the pump (72) and the water cooling type equipment. The components are accommodated in a container (20) consisting of a single vessel or a plurality of vessels (20A, 20B) integrally combined. <IMAGE>

IPC 1-7

F28D 7/06; F28F 9/00

IPC 8 full level

G21D 1/00 (2006.01); **F28D 1/06** (2006.01); **F28D 7/06** (2006.01); **F28F 9/00** (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP)

F28D 7/06 (2013.01); **F28F 9/00** (2013.01); **F28F 9/22** (2013.01); **F28F 2009/226** (2013.01)

Citation (search report)

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CN113421672A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1069393 A1 20010117; JP 2001027485 A 20010130

DOCDB simple family (application)

EP 00104287 A 20000301; JP 20173199 A 19990715