Title (en)

Plate heat exchanger in pressurized housing

Title (de)

Plattenwärmetauscher in einem unter Druck stehendem Gehäuse

Title (fr)

Echangeur thermique à plaques muni d'une enveloppe de pressurisation

Publication

EP 1103774 A1 20010530 (FR)

Application

EP 00403266 A 20001122

Priority

FR 9914796 A 19991124

Abstract (en)

The pressurised plate heat exchanger (2) has heat exchange plates surrounded by a pressurised casing (3). An insulating material (32) is placed between the casing (3) and the heat exchanger (2). The insulant can be perlite (rtm) which at least partially fills the space inside the casing. Alternatively, the insulation can be of strip or foil.

Abstract (fr)

Le corps d'échangeur (2) à plaques est entouré par une enveloppe de pressurisation (3). Un matériau thermiquement isolant (32) est disposé entre le corps d'échangeur (2) et l'enveloppe de pressurisation (3). <IMAGE>

IPC 1-7

F28D 1/03; F28D 9/00

IPC 8 full level

F28D 9/00 (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)

F28D 9/0006 (2013.01); **F28D 9/0068** (2013.01); **F28F 9/00** (2013.01); F28F 2250/108 (2013.01); F28F 2270/00 (2013.01)

Citation (search report)

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- [A] WO 9825091 A1 19980611 - COMINCO ENG SERVICES [CA], et al
- [A] WO 9421979 A1 19940929 - FAUDAT CONCEPT [FR], et al

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Designated contracting state (EPC)

DE FR GB

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EP 1103774 A1 20010530; FR 2801376 A1 20010525; FR 2801376 B1 20020201

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