

Title (en)

Integrated thermal exchanger group for organic fluid steam turbine

Title (de)

Integrierter thermische Wärmetauschergruppe für eine Dampfturbine mit organischem Fluid

Title (fr)

Groupe intégré d'échangeurs de chaleur thermiques pour une turbine à vapeur avec un fluide organique

Publication

EP 1426565 B1 20130327 (EN)

Application

EP 03425722 A 20031106

Priority

IT BS20020102 A 20021111

Abstract (en)

[origin: EP1426565A1] The invention concerns a thermal exchange Group for cooling of expanded steam in a turbine for the production of electric energy which uses a high molecular mass organic fluid. It includes a regenerator and a condenser positioned in a sole container or external housing (23) with an inlet conduct (24) for the hot steam and an outlet conduct (25) of the condense liquid. The container or housing (23) is mainly cylindrical on a horizontal axis; the condenser is placed parallel below or above the regenerator. <IMAGE>

IPC 8 full level

F01K 25/08 (2006.01)

CPC (source: EP)

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Cited by

DE102008038241A1; WO2013150018A2; DE202008010988U1; WO2024084359A1; US11098934B2; US11821665B2

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DOCDB simple family (publication)

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