

Title (en)

METHOD AND FACILITY FOR RECOVERING THERMAL ENERGY ON A FURNACE WITH TUBULAR SIDE MEMBERS AND FOR CONVERTING SAME INTO ELECTRICITY BY MEANS OF A TURBINE PRODUCING THE ELECTRICITY BY IMPLEMENTING A RANKINE CYCLE

Title (de)

VERFAHREN UND ANLAGE ZUR RÜCKGEWINNUNG VON WÄRMEENERGIE AN EINEM OFEN MIT ROHRFÖRMIGEN SEITENELEMENTEN UND ZUR UMWANDLUNG DAVON IN ELEKTRIZITÄT DURCH EINE TURBINE, DIE DIE ELEKTRIZITÄT DURCH DURCHFÜHRUNG EINES RANKINE-ZYKLUS ERZEUGT

Title (fr)

PROCEDE ET INSTALLATION DE RECUPERATION D'ENERGIE CALORIFIQUE SUR UN FOUR A LONGERONS TUBULAIRES ET DE CONVERSION DE CELLE-CI EN ELECTRICITE AU MOYEN D'UNE TURBINE PRODUISANT DE L'ELECTRICITE PAR LA MISE EN OEUVRE D'UN CYCLE DE RANKINE

Publication

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Application

EP 17731598 A 20170626

Priority

- FR 1655976 A 20160627
- EP 2017065646 W 20170626

Abstract (en)

[origin: WO2018001931A1] Method and facility for recovering energy, installed on a heating furnace (2) with tubular side members and fitted with burners, comprising a turbine (14) producing electricity by implementing a Rankine cycle on an organic fluid (21) using heat coming in part from the fluid used for cooling the tubular side members by means of a first intermediate circuit, and in part from flue gases from the burners by means of a second intermediate circuit.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018001931A1

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