

Title (en)

A FLUE GAS TUBE FOR THERMOELECTRIC GENERATOR

Title (de)

RAUCHGASROHR FÜR THERMOELEKTRISCHE GENERATOREN

Title (fr)

CONDUIT D'ÉVACUATION DES GAZ DE COMBUSTION POUR GÉNÉRATEUR THERMOÉLECTRIQUE

Publication

EP 2877714 A1 20150603 (EN)

Application

EP 13725903 A 20130515

Priority

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- DK 2013050147 W 20130515

Abstract (en)

[origin: WO2013170861A1] The invention relates to a flue gas tube (FGT) (1) for generation of thermoelectric power having thermoelectric elements (8) that are integrated in the tube. The FTG may be used in combined heat and power (CHP) system (13) to produce directly electricity from waste heat from, e.g. a biomass boiler. The CHP system may also be operated in a heating or cooling mode, thus being able to heat or cool water by feeding electricity to the system.

IPC 8 full level

F01K 27/00 (2006.01); **H01L 35/32** (2006.01)

CPC (source: EP)

F01K 27/00 (2013.01); **H10N 10/13** (2023.02)

Citation (search report)

See references of WO 2013170861A1

Citation (examination)

- US 5959240 A 19990928 - YOSHIDA SHUICHI [JP], et al
- JP H09117169 A 19970502 - MITSUBISHI HEAVY IND LTD, et al

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