

Title (en)
THERMOELECTRIC GENERATOR AND THERMAL MODULE FOR SUCH A GENERATOR

Title (de)
THERMOELEKTRISCHER GENERATOR UND WÄRMEMODUL FÜR SOLCH EINEN GENERATOR

Title (fr)
GÉNÉRATEUR THERMOÉLECTRIQUE ET MODULE THERMIQUE POUR UN TEL GÉNÉRATEUR

Publication
EP 3248228 A1 20171129 (FR)

Application
EP 16701020 A 20160119

Priority
• FR 1550414 A 20150119
• EP 2016051040 W 20160119

Abstract (en)
[origin: WO2016116463A1] The invention relates to a thermoelectric generator (10) including at least one thermal module (20), said thermal module (20) comprising thermoelectric elements (21) which are ring-shaped such as to form a substantially cylindrical thermoelectric assembly (22) when arranged side by side, said thermal module (20) being made up of at least one thermoelectric assembly (22) and a guiding casing (25) configured so as to cause a first fluid to hug the outer contour of said one or more thermoelectric elements (21), said generator (10) including a plurality of said thermoelectric modules (20) arranged about a main axis (Y), referred to as the generator axis (Y). The invention also relates to a thermal module (20) for such a generator (10).

IPC 8 full level
H01L 35/32 (2006.01); **F28D 7/16** (2006.01)

CPC (source: EP)
H10N 10/17 (2023.02)

Citation (search report)
See references of WO 2016116463A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3031838 A1 20160722; FR 3031838 B1 20180427; EP 3248228 A1 20171129; WO 2016116463 A1 20160728

DOCDB simple family (application)
FR 1550414 A 20150119; EP 16701020 A 20160119; EP 2016051040 W 20160119