

Title (en)
DEVICE FOR GENERATING HEAT BY MEANS OF MAGNETIC INDUCTION

Title (de)
SYSTEM ZUR WÄRMEERZEUGUNG MITTELS MAGNETISCHER INDUKTION

Title (fr)
DISPOSITIF DE GÉNÉRATION DE CHALEUR PAR INDUCTION MAGNÉTIQUE

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Application
EP 17857886 A 20171005

Priority
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Abstract (en)
[origin: EP3525549A1] The invention relates to a device for generating heat by means of magnetic induction, which comprises: an element (1) of thermoconductive material with a channel (4) for circulating a fluid to be heated; and a set of discs (2) with permanent magnets (3) which face the element (1) of thermoconductive material and are designed to exert a variable magnetic field on the element (1) of thermoconductive material, the set of discs (2) comprising first motorised discs (2.1) and at least one free-rotating second disc (2.2), wherein the first discs (2.1) are disposed around the second disc (2.2), such that the second disc (2.2) is rotated by the magnetic influence exerted by the permanent magnets (3) of the first discs (2.1).

IPC 8 full level
H05B 6/10 (2006.01)

CPC (source: EP)
H05B 6/109 (2013.01)

Citation (search report)
• [A] WO 2016055678 A1 20160414 - MAXWELL & LORENTZ S L [ES]
• [A] JP 2000123963 A 20000428 - USUI INTERNATIONAL INDUSTRY
• [A] WO 2015074645 A1 20150528 - CHRISTMANN WERNER [DE]
• See references of WO 2018065654A1

Designated contracting state (EPC)
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