

Title (en)
Heater assembly

Title (de)
Heizungsanordnung

Title (fr)
Dispositif de chauffage

Publication
EP 2747513 A3 20150408 (DE)

Application
EP 13005640 A 20131204

Priority
DE 102012025098 A 20121220

Abstract (en)
[origin: EP2747513A2] The assembly has a heat transfer device comprising a cladding tube (2) e.g. steel tube and a heat transfer element (3), is inserted in a container (1). A heater (5) is inserted into a cladding tube with a gap (4) formed as portion of heat transfer device. The gap is filled with highly heat conductive medium e.g. graphite powder that is air-tight and pressure-tight form-fitting. A centering unit (7) is provided for replacing heater with new heater, without impairing heat transfer element which is removed from the cladding tube without damage. The heat transfer element is made of aluminum.

IPC 8 full level
H05B 3/42 (2006.01); **H05B 3/50** (2006.01)

CPC (source: EP)
H05B 3/50 (2013.01); **H05B 2203/021** (2013.01); **H05B 2203/022** (2013.01)

Citation (search report)

- [X] EP 0251891 A1 19880107 - ELECTRICITE DE FRANCE [FR]
- [X] EP 2339261 A2 20110629 - RAG ALL S P A [IT]
- [X] EP 1931175 A1 20080611 - ASKAR ALI [PT]
- [ID] DE 10357337 A1 20050303 - COLUMBUS FILTER GMBH [DE]
- [A] DD 62630 A1 19680705

Cited by
CN106304431A

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)
EP 2747513 A2 20140625; EP 2747513 A3 20150408; DE 102012025098 A1 20140626

DOCDB simple family (application)
EP 13005640 A 20131204; DE 102012025098 A 20121220