

Title (en)  
Heating device

Title (de)  
Heizgerät

Title (fr)  
Dispositif de chauffage

Publication  
**EP 1562006 B1 20070801 (DE)**

Application  
**EP 04029792 A 20041216**

Priority  
DE 102004005048 A 20040130

Abstract (en)  
[origin: EP1562006A1] Heating device comprises a helical heat exchanger (1), a cylindrical combustion chamber (2) axially defined by a front and a rear cover element (3, 4) and radially defined by the heat exchanger, a burner (5) arranged on one of the two cover elements, and a housing (6) consisting of a jacket part (7) and the cover elements and surrounding the heat exchanger with the formation of an exhaust gas channel (8). The heat exchanger has axially oriented connecting sleeves (11, 12) at its two ends (9, 10). Openings (13, 14) provided in the cover elements receive the connecting sleeves. Preferred Features: The jacket part is made of plastic and at least one of the two cover elements is made preferably of diecast aluminum.

IPC 8 full level  
**F24H 1/43** (2006.01); **F24H 9/02** (2006.01); **F24H 9/14** (2006.01); **F28D 7/02** (2006.01)

CPC (source: EP)  
**F24H 1/43** (2013.01); **F24H 9/02** (2013.01); **F24H 9/14** (2013.01); **F24H 9/146** (2013.01); **F28D 7/024** (2013.01)

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DE102010049141A1; DE102010049143A1; JP2012519823A; EP2306112A1; DE102009043288A1; DE102011010444A1; DE102018116980A1; DE102008016313A1; EP2784408A1; DE102013103191A1; FR2942866A1; DE102009043289B3; EP2306113A3; US2010044011A1; DE102009048207B3; RU2476799C2; CN107044786A; DE102014107844B3; IT202200003476A1; EP3141839A1; EP3141840A1; ITUB20153485A1; ITUB20153465A1; DE202012101619U1; EP2306113A2; DE102012101268A1; DE202009018069U1; DE202011002667U1; WO2010100004A1; DE102008008734A1; EP2090858A1; US8978638B2; US9816726B2; DE202010017862U1; DE202016100078U1; DE202010017861U1; KR101532023B1; EP2105679A2; DE202014010537U1; DE102018116980B4

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