

Title (en)

HONEYCOMB BODY FOR THERMALLY TREATING WASTE GAS

Title (de)

WABENKÖRPEREINRICHTUNG FÜR DIE THERMISCHE ABGASBEHANDLUNG

Title (fr)

DISPOSITIF EN NID D'ABEILLES DESTINE AU TRAITEMENT DES GAZ D'ECHAPPEMENT

Publication

EP 1634030 A1 20060315 (DE)

Application

EP 03739840 A 20030623

Priority

AT 0300174 W 20030623

Abstract (en)

[origin: WO2004113816A1] The invention relates to a honeycomb body for thermally treating waste gas, particularly for regenerative heat storage, comprising at least one prism-shaped ceramic body (1), which is provided with a multitude of continuous straight channels (2, 3) that lead to both prism surfaces, whereby each honeycomb body, via the cross-section thereof, is passed through by longitudinal channels having different channel cross-sections.

IPC 1-7

F28F 1/04; **B01J 35/04**; **F01N 3/28**

IPC 8 full level

B01J 35/04 (2006.01); **F01N 3/28** (2006.01); **F23G 7/06** (2006.01); **F28D 17/02** (2006.01); **F01N 13/02** (2010.01)

CPC (source: EP)

B01J 35/56 (2024.01); **F01N 3/2828** (2013.01); **F01N 13/009** (2014.06); **F23G 7/068** (2013.01); **F28D 17/02** (2013.01); **F01N 2240/10** (2013.01)

Citation (search report)

See references of WO 2004113816A1

Citation (examination)

EP 0581190 A1 19940202 - GILLET HEINRICH GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004113816 A1 20041229; EP 1634030 A1 20060315

DOCDB simple family (application)

AT 0300174 W 20030623; EP 03739840 A 20030623