

Title (en)
CATALYTIC COMBUSTION

Publication
EP 0351082 A3 19901024 (EN)

Application
EP 89306359 A 19890623

Priority
GB 8816441 A 19880711

Abstract (en)
[origin: EP0351082A2] A catalytic combustion system, e.g. in a gas turbine, has a combustion catalyst supported by a honeycomb structure (20) and an integral, or separate, catalyst-free honeycomb section (22) upstream of the combustion catalyst acting as, or supporting, a flame trap.

IPC 1-7
F23D 14/82; **F23D 14/18**

IPC 8 full level
F23C 13/00 (2006.01); **F23D 11/40** (2006.01); **F23D 14/18** (2006.01); **F23D 14/82** (2006.01); **F23R 3/40** (2006.01)

CPC (source: EP)
F23C 13/00 (2013.01); **F23D 14/82** (2013.01); **F23R 3/40** (2013.01); **F05B 2230/60** (2013.01); **F05B 2230/606** (2013.01)

Citation (search report)

- [A] DE 3332572 A1 19850328 - INSUMMA PROJEKT GMBH [DE]
- [A] EP 0144094 A1 19850612 - TOSHIBA KK [JP]
- [A] DE 3613745 A1 19871029 - STEULER INDUSTRIEWERKE GMBH [DE]
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 165 (M-230)[1310], 20th July 1983; & JP-A-58 072 808 (MATSUSHITA DENKI SANGYO K.K.) 30-04-1983
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 157 (M-227)[1302], 9th July 1983; & JP-A-58 062 410 (MATSUSHITA DENKI SANGYO K.K.) 13-04-1983
- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 297 (M-432)[2020], 25th November 1985; & JP-A-60 134 117 (ENU KOA K.K.) 17-07-1985

Cited by
US6709264B2; US6431857B1; AT402847B; DE19631552B4; US6179608B1; AU755769B2; US7163666B2; WO9747926A1; WO0073701A1

Designated contracting state (EPC)
AT BE DE ES FR GB IT NL

DOCDB simple family (publication)
EP 0351082 A2 19900117; **EP 0351082 A3 19901024**; GB 8816441 D0 19880817; JP H0261407 A 19900301

DOCDB simple family (application)
EP 89306359 A 19890623; GB 8816441 A 19880711; JP 17891189 A 19890711