

Title (en)
Heater for a Stirling engine

Title (de)
Wärmeerzeuger für einen Stirlingmotor

Title (fr)
Echauffeur pour un moteur Stirling

Publication
EP 1249595 A3 20030528 (DE)

Application
EP 02008529 A 20020415

Priority
DE 10118546 A 20010414

Abstract (en)
[origin: EP1249595A2] The heat-creating burner (28) has a a heater (23) and a combustion chamber (30). It runs on a flame-free oxidation basis, so that the creation of thermal nitrogen oxides is suppressed. By this means, the content of such oxides in the exhaust gas is reduced to a value of only about 10 mg/cubic meter. There is a mixing tube (31) between the burner and the heater.

IPC 1-7
F02G 1/04; **F02G 1/055**

IPC 8 full level
F02G 1/043 (2006.01); **F02G 1/055** (2006.01)

CPC (source: EP)
F02G 1/043 (2013.01); **F02G 1/055** (2013.01); **F02G 2243/02** (2013.01); **F02G 2243/34** (2013.01); **F02G 2244/00** (2013.01); **F02G 2244/10** (2013.01); **F02G 2270/45** (2013.01); **F02G 2270/50** (2013.01)

Citation (search report)

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- [A] DE 2538245 A1 19760318 - FORD WERKE AG
- [A] US 4277942 A 19810714 - EGNELL ROLF A, et al
- [A] EP 0698764 A2 19960228 - BOSCH GMBH ROBERT [DE]
- [A] DE 19925715 A1 20001214 - KOEHNE HEINRICH [DE]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1249595 A2 20021016; **EP 1249595 A3 20030528**; **EP 1249595 B1 20070110**; DE 10118546 A1 20021024; DE 50209207 D1 20070222

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