

Title (en)

PROCESS FOR RAISING THE TEMPERATURE OF CATALYSTS AND DEVICE FOR PERFORMING THE PROCESS

Publication

**EP 0246283 B1 19890823 (DE)**

Application

**EP 86906708 A 19861119**

Priority

AT 340385 A 19851121

Abstract (en)

[origin: WO8703355A1] Process for heating a catalyst used for the catalytic high-temperature oxidation of a mixture of combustible gas and air or oxygen which is introduced in the cold state. The mixture is ignited on the input side at a point which is so close to the catalyst that the mixture is burning when it reaches the surface of the catalyst.

IPC 1-7

**F23D 14/18**; **F23Q 2/30**

IPC 8 full level

**F23D 14/18** (2006.01); **F23Q 2/30** (2006.01)

CPC (source: EP US)

**F23D 14/18** (2013.01 - EP US); **F23Q 2/30** (2013.01 - EP US)

Citation (examination)

- Patent Abstracts of Japan, vol.8, no. 160, 25 Juli 1984, & JP, A, 5956018 (MATSUSHITA) 31 March 1984
- Patent Abstracts of Japan, vol.8, no.160, 25 July 1984, & JP, A, 5956014 (MATSUSHITA) 31 March 1984

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8703355 A1 19870604**; AT E45800 T1 19890915; AU 6727787 A 19870701; DE 3665216 D1 19890928; EP 0246283 A1 19871125; EP 0246283 B1 19890823; JP 2573486 B2 19970122; JP S63501442 A 19880602; US 5000676 A 19910319

DOCDB simple family (application)

**AT 8600076 W 19861119**; AT 86906708 T 19861119; AU 6727787 A 19861119; DE 3665216 T 19861119; EP 86906708 A 19861119; JP 50625586 A 19861119; US 35589189 A 19890523