

Title (en)
COMBUSTION METHOD FOR LIQUID OR GASEOUS FUELS, DEVICE FOR CARRYING OUT SAID METHOD AND HEATING INSTALLATION WITH SUCH A DEVICE

Publication
EP 0369950 A3 19920226 (DE)

Application
EP 89810878 A 19891117

Priority
CH 426688 A 19881117

Abstract (en)
[origin: EP0369950A2] In order to achieve constantly perfect, near-stoichiometric combustion with extremely low power consumption and virtually silently in spite of the continually varying atmospheric conditions, only that amount of air absolutely necessary at one time for the combustion, depending upon the amount of fuel fed in, is fed to the atomising region of an ultrasonic fuel atomiser (10) in a controlled and precisely metered manner. The air fed in in this way is mixed, in the fuel-outlet region of the fuel atomiser (10), with the fuel atomised in this way, and this mixture is burnt in an adjacent combustion chamber. <IMAGE>

IPC 1-7
F23C 7/00; **F23D 11/34**; **F23L 17/02**; **F24F 11/00**; **F24F 6/12**; **F23N 1/10**

IPC 8 full level
F23N 1/02 (2006.01); **F23C 7/00** (2006.01); **F23D 11/34** (2006.01); **F23L 17/02** (2006.01); **F23N 1/10** (2006.01); **F23N 5/00** (2006.01); **F24F 6/12** (2006.01)

CPC (source: EP US)
F23C 7/00 (2013.01 - EP US); **F23D 11/345** (2013.01 - EP US); **F23L 17/02** (2013.01 - EP US); **F23N 1/102** (2013.01 - EP US); **F24F 6/12** (2013.01 - EP US)

Citation (search report)

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

DOCDB simple family (publication)
EP 0369950 A2 19900523; **EP 0369950 A3 19920226**; **EP 0369950 B1 19940803**; AT E109551 T1 19940815; CA 2003114 A1 19900517; CH 678099 A5 19910731; DD 289584 A5 19910502; DE 58908143 D1 19940908; JP H02247419 A 19901003; US 5122053 A 19920616

DOCDB simple family (application)
EP 89810878 A 19891117; AT 89810878 T 19891117; CA 2003114 A 19891116; CH 426688 A 19881117; DD 33466889 A 19891117; DE 58908143 T 19891117; JP 29945989 A 19891117; US 43885789 A 19891117