

Title (en)
Heating installation.

Title (de)
Heizanlage.

Title (fr)
Installation de chauffage.

Publication
EP 0369950 B1 19940803 (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**; **F23N 5/18**

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)

Cited by
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AT BE DE ES FR GB GR IT LU NL SE

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