

Title (en)

METHOD FOR THE COMBUSTION OF FUEL BY STEPPED FUEL FEED AND BURNER FOR USE WITH IT

Publication

**EP 0430376 A3 19920115 (EN)**

Application

**EP 90203134 A 19901127**

Priority

NL 8902963 A 19891201

Abstract (en)

[origin: EP0430376A2] To lower NO<sub>x</sub> production in a stepped fuel feed combustion method, secondary fuel (15) is injected into a combustion chamber as a jet through an internal recirculation zone of the primary combustion zone (6) to a secondary combustion zone (8). The stoichiometry of the system up to and including the secondary combustion zone is preferably 0.70 to 0.90. A burner adapted for such a method is also disclosed, which has a duct for secondary fuel (15) concentrically within an inner annular duct (13) for primary fuel and an outer annular duct (14) for primary air. <IMAGE>

IPC 1-7

**F23C 6/04**; **F23C 9/00**

IPC 8 full level

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Citation (search report)

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