

Title (en)
BURNER AND METHOD FOR REDUCING SELF-INDUCED FLAME OSCILLATIONS

Title (de)
BRENNER UND VERFAHREN ZUR VERRINGERUNG VON SELBSTINDUZIERTEN FLAMMENSCHWINGUNGEN

Title (fr)
BRÛLEUR ET PROCÉDÉ POUR RÉDUIRE DES OSCILLATIONS DE FLAMMES AUTOINDUITES

Publication
EP 2232147 A1 20100929 (DE)

Application
EP 08749689 A 20080424

Priority
• EP 2008054969 W 20080424
• EP 08000497 A 20080111
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Abstract (en)
[origin: EP2078898A1] The method involves implementing a fluid mass flow through a jet nozzle (2) from a fluid inlet opening (8) to a fluid outlet opening (9). Another fluid mass flow is injected at an axial position of the jet nozzle, where the position lies downstream with respect to the fluid inlet opening, and one of the fluid mass flows includes compressed air (11) and the other fluid mass flow includes a fuel (12) e.g. natural gas. A third fluid mass flow is injected in the former fluid mass flow, where the third fluid mass flow includes steam, nitrogen or fuel-air-mixture. An independent claim is also included for a burner comprising a jet nozzle.

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CPC (source: EP US)
F23R 3/286 (2013.01 - EP US); **F23R 2900/00014** (2013.01 - EP US); **F23R 2900/03282** (2013.01 - EP US)

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