

Title (en)

BURNER ASSEMBLY AND METHOD FOR REDUCING NOX EMISSIONS

Title (de)

BRENNERANORDNUNG UND VERFAHREN ZUR VERMINDERUNG VON NOX-EMISSIONEN

Title (fr)

ENSEMBLE BRÛLEUR ET PROCÉDÉ POUR LA RÉDUCTION D'ÉMISSIONS DE NOX

Publication

**EP 2694790 A1 20140212 (EN)**

Application

**EP 12767351 A 20120309**

Priority

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Abstract (en)

[origin: US2012255472A1] A burner assembly for combusting fuel in a combustion zone to reduce NOx emissions includes a water spray subassembly including a water outlet configured to direct water at an angle with respect to an axis of the burner assembly, the water outlet further configured to direct the water in a direction for mixing with the air upstream of the combustion zone. A method is also provided for combusting fuel in a combustion zone to reduce NOx emissions.

IPC 8 full level

**F02C 3/30** (2006.01)

CPC (source: EP KR US)

**F02C 3/30** (2013.01 - KR); **F02C 7/20** (2013.01 - KR); **F23D 14/22** (2013.01 - EP US); **F23D 14/78** (2013.01 - EP US); **F23L 7/002** (2013.01 - EP US)

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