

Title (en)
Steam generator.

Title (de)
Dampferzeuger.

Title (fr)
Générateur de vapeur.

Publication
EP 0427033 B1 19941228 (DE)

Application
EP 90120170 A 19901020

Priority
DE 3936806 A 19891104

Abstract (en)
[origin: EP0427033A2] In order to produce a steam generator with an injection head, through which an oxidant and a fuel are blown into a combustion chamber adjoining the injection head, and with injection devices for water which open into the combustion chamber, in which generator optimum combustion conditions are created in the combustion chamber, it is proposed that the injection head has a number of injection elements which inject the oxidant and the fuel together into the combustion chamber and which conduct one of the two in an inner cylindrical flow and the other in a ring flow surrounding the inner cylindrical flow. <IMAGE>

IPC 1-7
F23C 5/00; **F23D 14/22**; **F22B 1/00**; **F22B 1/26**

IPC 8 full level
F22B 27/16 (2006.01); **F22B 1/00** (2006.01); **F22B 1/26** (2006.01); **F22B 3/00** (2006.01); **F23C 5/00** (2006.01); **F23D 14/22** (2006.01); **F23D 14/32** (2006.01)

CPC (source: EP US)
F22B 1/003 (2013.01 - EP US); **F22B 1/26** (2013.01 - EP US); **F23C 5/00** (2013.01 - EP US); **F23D 14/22** (2013.01 - EP US); **F23D 2900/00012** (2013.01 - EP US)

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BE DK ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0427033 A2 19910515; **EP 0427033 A3 19910904**; **EP 0427033 B1 19941228**; DE 3936806 A1 19910508; DE 3936806 C2 19950420; DK 0427033 T3 19950606; ES 2068308 T3 19950416; FI 905454 A0 19901102; FI 97422 B 19960830; FI 97422 C 19961210; JP 2609354 B2 19970514; JP H03221703 A 19910930; US 5088450 A 19920218

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