

Title (en)

METHOD FOR GENERATING WATER VAPOUR ADAPTED TO OXYCOMBUSTION

Title (de)

VERFAHREN ZUR ERZEUGUNG VON FÜR SAUERSTOFFVERBRENNUNG GEEIGNETEM GEEIGNETEN WASSERDAMPF

Title (fr)

PROCEDE ET DISPOSITIF DE GENERATION DE VAPEUR D'EAU ADAPTE A L'OXY-COMBUSTION

Publication

EP 1774223 A1 20070418 (FR)

Application

EP 05826778 A 20050706

Priority

- FR 2005001745 W 20050706
- FR 0407700 A 20040709

Abstract (en)

[origin: WO2006016042A1] The invention concerns a boiler adapted to oxycombustion (30) comprising a combustion chamber (31), a water heater (33) and a vaporizer (38, 40), wherein the combustion chamber includes at least partly the water heater (33). The invention also concerns an oxycombustion method with hot water generation, comprising heating cold water with the oxycombustion flame into a heated fluid. The inventive method is advantageously implemented in the inventive device.

IPC 8 full level

F22B 1/00 (2006.01); **F22B 31/00** (2006.01)

CPC (source: EP KR US)

F22B 1/00 (2013.01 - KR); **F22B 1/003** (2013.01 - EP US); **F22B 31/00** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2006016042A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2872886 A1 20060113; FR 2872886 B1 20060922; CA 2573254 A1 20060216; CN 100567810 C 20091209; CN 101002053 A 20070718; EP 1774223 A1 20070418; JP 2008506088 A 20080228; KR 20070033418 A 20070326; US 2007227145 A1 20071004; WO 2006016042 A1 20060216

DOCDB simple family (application)

FR 0407700 A 20040709; CA 2573254 A 20050706; CN 200580023243 A 20050706; EP 05826778 A 20050706; FR 2005001745 W 20050706; JP 2007519840 A 20050706; KR 20077000562 A 20070109; US 57173605 A 20050706