

Title (en)
COMBUSTION SYSTEM

Title (de)
VERBRENNUNGSSYSTEM

Title (fr)
SYSTÈME DE COMBUSTION

Publication
EP 2889538 A1 20150701 (EN)

Application
EP 12883174 A 20120823

Priority
JP 2012071327 W 20120823

Abstract (en)
A combustion system provided with: a fuel tank; a pump for adding pressure to fuel supplied from the fuel tank; a first nozzle part for spraying the pressurized fuel in the combustion chamber; a supply pipe for coupling the first nozzle part and the pump, and through which the pressurized fuel flows; a connection part provided along the supply pipe near the first nozzle part; a supply unit for supplying water to the supply pipe via the connection part; and a second nozzle part interposed between the supply unit and the connection part for atomizing water and spraying in the connection part.

IPC 8 full level
F23K 5/12 (2006.01); **F23C 99/00** (2006.01); **F23D 11/16** (2006.01)

CPC (source: EP)
F23C 99/00 (2013.01); **F23D 11/16** (2013.01); **F23K 5/12** (2013.01)

Citation (search report)
See references of WO 2014030242A1

Cited by
DE102018129954A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2889538 A1 20150701; JP WO2014030242 A1 20160728; TW 201408953 A 20140301; WO 2014030242 A1 20140227

DOCDB simple family (application)
EP 12883174 A 20120823; JP 2012071327 W 20120823; JP 2014531458 A 20120823; TW 101137431 A 20121011