

Title (en)
Combustion accelerator for engines and burners

Title (de)
Verbrennungsbeschleuniger für Motoren und Brenner

Title (fr)
Accélérateur de combustion pour moteurs et brûleurs

Publication
EP 2080891 A3 20090916 (DE)

Application
EP 08010658 A 20080612

Priority
DE 102008004499 A 20080116

Abstract (en)
[origin: EP2080891A2] The method involves forming a stannous alloy in form stable structure, activated in reducing solution and is filled with propellant or fuel oil in a discharge container. A propellant or fuel is provided in a structure made of an alloy. The stannous alloy comprises metal tin, copper, silver and the activator platinum metal or lanthanum-cerium-cobalt. An independent claim is included for a device for combustion acceleration of internal combustion engines, turbines and burners by chemical reaction.

IPC 8 full level
F02M 27/02 (2006.01); **F23C 13/08** (2006.01)

CPC (source: EP US)
C10L 1/1208 (2013.01 - EP US); **C10L 1/308** (2013.01 - EP US); **C10L 10/00** (2013.01 - EP US); **C10L 10/02** (2013.01 - EP US);
C10L 10/12 (2013.01 - EP US); **F02M 27/02** (2013.01 - EP US); **F23C 13/08** (2013.01 - EP US)

Citation (search report)

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DE 102008004499 A1 20090730; JP 2011514463 A 20110506; KR 20100113077 A 20101020; MX 2010007862 A 20110315;
RU 2010132083 A 20120227; US 2011027730 A1 20110203; WO 2009106025 A2 20090903; WO 2009106025 A3 20091105

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EP 08010658 A 20080612; CA 2725397 A 20090114; CN 200980102138 A 20090114; DE 102008004499 A 20080116;
DE 2009000040 W 20090114; JP 2010542511 A 20090114; KR 20107015045 A 20090114; MX 2010007862 A 20090114;
RU 2010132083 A 20090114; US 81297509 A 20090114