

Title (en)

PROCESS FOR ACHIEVING TOTAL COMBUSTION WITH THE HELP OF INJECTORS AND INJECTORS

Title (de)

VERFAHREN ZUM ERREICHEN EINER GESAMTVERBRENNUNG MITHILFE VON EINSPRITZVENTILEN UND ENTSPRECHENDE EINSPRITZVENTILE

Title (fr)

PROCÉDÉ POUR OBTENIR UNE COMBUSTION TOTALE À L'AIDE D'INJECTEURS, ET INJECTEURS

Publication

EP 2707595 A1 20140319 (EN)

Application

EP 12735961 A 20120312

Priority

- RO 201100442 A 20110509
- RO 2012000006 W 20120312

Abstract (en)

[origin: WO2012154070A1] This invention refers to a process for achieving the total combustion of fuels, which will totally reduce the pollution of the atmosphere, will solve, in great part the climatic crisis, will stop greenhouse effect the humanity is facing, as well global warming. The field of use of the invention is very wide, for example at engines of the vehicles, the engines with propulsion of the airplanes, the engines of the ships and all the equipments for transporting and combustion of heat and electricity and this process involves using several types of injectors on the basis of compressed air on which the pipe of fuels are mounted, and the air compressed at a pressure of 5 at8 ATM, through the vacuum created in the pipe of fuel will absorb the fuel in the mass of compressed air, in order to achieve total combustion and the number of compressed air molecules necessary to the total combustion of one molecule of hydrocarbon, for each type of hydrocarbons, are selected from Table 1.

IPC 8 full level

F02M 67/02 (2006.01); **B01F 5/04** (2006.01); **F02M 61/04** (2006.01); **F23C 3/00** (2006.01); **F23C 99/00** (2006.01); **F23D 14/54** (2006.01); **F23D 14/62** (2006.01); **F23M 5/02** (2006.01); **F24H 1/00** (2006.01)

CPC (source: EP US)

B01F 25/3131 (2022.01 - EP US); **B01F 25/31322** (2022.01 - EP US); **B01F 25/4335** (2022.01 - EP US); **F02M 21/0287** (2013.01 - EP US); **F02M 25/032** (2013.01 - EP US); **F02M 31/186** (2013.01 - EP US); **F02M 51/061** (2013.01 - EP US); **F02M 67/02** (2013.01 - EP US); **F23C 3/00** (2013.01 - EP US); **F23C 99/00** (2013.01 - EP US); **F23D 14/54** (2013.01 - EP US); **F23D 14/62** (2013.01 - EP US); **F23L 5/04** (2013.01 - US); **F23M 5/025** (2013.01 - EP US); **F02B 2275/14** (2013.01 - EP US); **F24H 1/165** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US); **Y02T 10/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2012154070A1

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

DOCDB simple family (publication)

WO 2012154070 A1 20121115; CA 2835482 A1 20121115; EP 2707595 A1 20140319; RO 127544 A0 20120629; US 2014057216 A1 20140227

DOCDB simple family (application)

RO 2012000006 W 20120312; CA 2835482 A 20120312; EP 12735961 A 20120312; RO 201100442 A 20110509; US 201214116661 A 20120312