

Title (en)
Method for combustion of fuel

Title (de)
Verfahren zum Verbrennen von Brennstoff

Title (fr)
Procédé de combustion de combustible

Publication
EP 2770255 B1 20191204 (DE)

Application
EP 13450046 A 20131017

Priority
AT 1412013 A 20130225

Abstract (en)
[origin: EP2770255A2] The method involves detecting water content of a fuel. A supply of fuel having high water content is increased, and a supply of fuel having low water content is reduced by taking into account of the energy content of the fuel. A proportion of primary air (5) and/or secondary air (6) in the combustion air are selected depending on the detected water content of the fuel. The proportion of primary air is increased and the proportion of the secondary air is reduced for the fuel having high water content while reducing a proportion of a recirculation gas in the combustion air.

IPC 8 full level
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CPC (source: AT EP)
F23N 1/002 (2013.01 - AT); **F23N 1/022** (2013.01 - AT EP); **F23N 5/003** (2013.01 - EP); **F23N 2221/08** (2020.01 - EP); **F23N 2221/10** (2020.01 - EP); **F23N 2221/12** (2020.01 - EP); **F23N 2225/26** (2020.01 - AT); **F23N 2225/30** (2020.01 - EP); **F23N 2233/08** (2020.01 - EP); **F23N 2237/16** (2020.01 - EP)

Cited by
EP4056895A1; CN109827169A; IT201800005896A1; AT523384A4; AT523384B1; WO2022189202A1; EP3869100A1; US11635231B2; US11708999B2; WO2022058612A1; EP3798513B1

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)
EP 2770255 A2 20140827; **EP 2770255 A3 20180103**; **EP 2770255 B1 20191204**; AT 15458 U1 20170915; DK 2770255 T3 20200309; HU E048630 T2 20200828; PL 2770255 T3 20200518

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