

Title (en)

CAPACITY VERIFICATION SYSTEM AND METHOD OF OPERATION THEREOF

Title (de)

KAPAZITÄTSVERIFIZIERUNGSSYSTEM UND VERFAHREN ZUM BETRIEB DAVON

Title (fr)

SYSTÈME DE VÉRIFICATION DE CAPACITÉ ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

EP 4394250 A1 20240703 (EN)

Application

EP 23220343 A 20231227

Priority

TR 202220829 A 20221227

Abstract (en)

This invention relates to a capacity verification system and its operating method that enables the determination of anomalies in the operating conditions of the combustion boiler (10) by comparing the measured temperature difference (dTo) between sensors (16, 17) with the predefined temperature difference (dTa) corresponding to certain fan RPM values, while the heating water is circulated in the primary circuit.

IPC 8 full level

F23N 5/24 (2006.01); **F24H 9/20** (2022.01); **F24H 15/104** (2022.01); **F24H 15/112** (2022.01); **F24H 15/215** (2022.01); **F24H 15/219** (2022.01); **F24H 15/421** (2022.01)

CPC (source: EP)

F23N 5/24 (2013.01); **F24H 9/2035** (2013.01); **F24H 15/104** (2022.01); **F24H 15/112** (2022.01); **F24H 15/215** (2022.01); **F24H 15/219** (2022.01); **F24H 15/421** (2022.01); **F23N 2225/19** (2020.01); **F24H 9/2042** (2013.01)

Citation (applicant)

- CN 211668039 U 20201013 - LHASA NUANXIN HEATING AND GAS SUPPLY SERVICE CO LTD
- NL 8102571 A 19821216 - NEOM BV

Citation (search report)

- [XA] US 10488042 B2 20191126 - YANG DONG JIN [KR], et al
- [A] EP 2980506 B1 20160629 - RINNAI KK [JP]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

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