

Title (en)
Combustion system and method for operating the same

Title (de)
Verbrennungssystem und Verfahren zum Betrieb davon

Title (fr)
Système de combustion et son procédé de fonctionnement

Publication
EP 2985529 A1 20160217 (EN)

Application
EP 14180981 A 20140814

Priority
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Abstract (en)
Combustion system (10) comprising a plurality of gas burners (11 a, 11 b, 11c) and a common exhaust pipe (14) for the plurality of gas burners, wherein during burner-on phases of a respective gas burner (11a, 11 b, 11c) gas is combusted by the same resulting in exhaust gas that flows into the common exhaust pipe (14), and wherein during burner-off phases of a respective gas burner (11 a, 11 b, 11c;) no gas is combusted by the same, wherein a common exhaust gas sensor (16) is assigned to the common exhaust pipe (14), and wherein in an operating status of the combustion system (10;) in which only a single gas burner of the plurality gas burners (11 a, 11 b, 11 c) is in a burner-on phase while all other gas burners are in a burner-off phase the signal provided by the common exhaust gas sensor (16) is used for a combustion adaption at least at the gas burner being in the burner-on phase.

IPC 8 full level
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Citation (applicant)
• DE 102010054807 A1 20120621 - HONEYWELL TECHNOLOGIES SARL [CH]
• EP 2428732 A2 20120314 - HONEYWELL TECHNOLOGIES SARL [CH]

Citation (search report)
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