

Title (en)
AN ARRANGEMENT FOR COMBUSTING PURGE GAS AND A METHOD THEREOF

Title (de)
ANORDNUNG ZUR VERBRENNUNG VON SPÜLGAS UND VERFAHREN DAFÜR

Title (fr)
AGENCEMENT DE COMBUSTION DE GAZ DE PURGE ET PROCÉDÉ ASSOCIÉ

Publication
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Application
EP 21163612 A 20210319

Priority
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Abstract (en)
An arrangement (100) and a method for combusting purge gas originating from an ammonia fuel system (108) fueling an ammonia fueled engine (112), the arrangement (100) comprising: a boiler system (102) comprising: a burner (104), a fuel inlet (111) configured to supply a fuel and thereby sustain a support flame in the burner (104), and a purge gas inlet (121) being configured to intermittently receive purge gas from the ammonia fueled engine (112) and supply the purge gas to the burner (104), the purge gas comprising a mixture of ammonia and inert gas, wherein the burner (104) is configured to combust the ammonia with the support flame.

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Citation (applicant)
CN 109140496 A 20190104 - HUBEI SANNING CHEMICAL IND CO LTD

Citation (search report)
• [XAI] US 2014248202 A1 20140904 - BETLEM MAARTEN [NL], et al
• [XAI] US 4519993 A 19850528 - MCGILL EUGENE C [US], et al
• [A] US 3985494 A 19761012 - CHILDREE HERMAN TRAVIS
• [A] US 5284438 A 19940208 - MCGILL EUGENE C [US], et al
• [A] JP 2013257123 A 20131226 - HATANAKA TAKESHI
• [A] US 2011265455 A1 20111103 - HIROTA SHINYA [JP], et al

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