

Title (en)
AN ARRANGEMENT FOR PREPARING A GASEOUS AMMONIA BASED FUEL TO BE COMBUSTED IN A BOILER AND A METHOD THEREOF

Title (de)
ANORDNUNG ZUR VORBEREITUNG EINES GASFÖRMIGEN BRENNSTOFFS AUF AMMONIAKBASIS ZUR VERBRENNUNG IN EINEM KESSEL UND VERFAHREN DAFÜR

Title (fr)
AGENCEMENT POUR LA PRÉPARATION D'UN COMBUSTIBLE GAZEUX À BASE D'AMMONIAC DESTINÉ À ÊTRE BRÛLÉ DANS UNE CHAUDIÈRE ET PROCÉDÉ ASSOCIÉ

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Application
EP 21201692 A 20211008

Priority
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Abstract (en)
An arrangement (100) for preparing a gaseous ammonia based fuel to be combusted in a boiler (132), the arrangement (100) comprising an ammonia fuel supply system (110) comprising an evaporator (111) being configured to vaporize liquified ammonia into gaseous ammonia by a first heating medium, and an ammonia heater (112) being arranged after the evaporator (111) and being configured to receive the gaseous ammonia from the evaporator (111) and pre-heat the gaseous ammonia by a second heating medium.

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Citation (applicant)
JP 2020183854 A 20201112 - NAKAMURA NORIHIKO

Citation (search report)
• [XII] EP 3578767 A1 20191211 - IHI CORP [JP]
• [XII] US 2012299306 A1 20121129 - FUSE TAKUYA [JP], et al
• [XII] CN 111330446 A 20200626 - DALIAN SHIPBUILDING INDUSTRY
• [XII] CN 113294801 A 20210824 - UNIV HUAZHONG SCIENCE TECH

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