

Title (en)
SHIP

Title (de)
SCHIFF

Title (fr)
NAVIRE

Publication
EP 4079622 A4 20230118 (EN)

Application
EP 20903202 A 20200908

Priority
• JP 2019228934 A 20191219
• JP 2020033961 W 20200908

Abstract (en)
[origin: EP4079622A1] A ship comprising: a ship body; a tank that is provided in the ship body and stores one of ammonia and carbon dioxide; a supply line through which the other of ammonia and carbon dioxide is supplied into the tank; a discharge line that discharges a gas mixture obtained by mixing one of ammonia and carbon dioxide stored in the tank with the other of ammonia and carbon dioxide supplied into the tank through the supply line when the other of ammonia and carbon dioxide is supplied into the tank through the supply line; and a water tank that is provided in the ship body, that stores water, and into which the gas mixture discharged from the discharge line is introduced.

IPC 8 full level
B63B 25/08 (2006.01); **F17C 6/00** (2006.01); **F17C 13/00** (2006.01)

CPC (source: EP KR)
B63B 25/14 (2013.01 - EP); **B63B 25/16** (2013.01 - KR); **B63J 2/12** (2013.01 - KR); **F17C 6/00** (2013.01 - EP KR); **F17C 9/00** (2013.01 - EP KR); **F17C 2201/0109** (2013.01 - EP); **F17C 2201/035** (2013.01 - EP); **F17C 2201/054** (2013.01 - EP); **F17C 2221/01** (2013.01 - EP); **F17C 2221/013** (2013.01 - EP KR); **F17C 2221/03** (2013.01 - KR); **F17C 2223/0153** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP); **F17C 2223/043** (2013.01 - EP); **F17C 2225/0153** (2013.01 - EP); **F17C 2225/033** (2013.01 - EP); **F17C 2225/047** (2013.01 - EP); **F17C 2227/0121** (2013.01 - EP); **F17C 2227/04** (2013.01 - EP); **F17C 2227/044** (2013.01 - EP); **F17C 2260/044** (2013.01 - EP); **F17C 2260/05** (2013.01 - EP); **F17C 2265/015** (2013.01 - EP); **F17C 2270/0105** (2013.01 - EP KR)

Citation (search report)
• [X] NO 324883 B1 20071227 - STATOIL ASA [NO]
• [A] KR 101885710 B1 20180806 - KOREA GAS CORP [KR]
• [A] JP 2001032998 A 20010206 - ISHIKAWAJIMA HARIMA HEAVY IND
• [A] US 4604115 A 19860805 - BONNETON MICHEL [FR], et al
• [A] KR 101788751 B1 20171020
• See also references of WO 2021124622A1

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4079622 A1 20221026; EP 4079622 A4 20230118; EP 4079622 B1 20240221; AU 2020409191 A1 20220630; AU 2020409191 B2 20240516; CN 114787029 A 20220722; CN 114787029 B 20240220; DK 4079622 T3 20240311; JP 2021095066 A 20210624; JP 7377094 B2 20231109; KR 20220093241 A 20220705; WO 2021124622 A1 20210624

DOCDB simple family (application)
EP 20903202 A 20200908; AU 2020409191 A 20200908; CN 202080086732 A 20200908; DK 20903202 T 20200908; JP 2019228934 A 20191219; JP 2020033961 W 20200908; KR 20227019988 A 20200908