

Title (en)  
PRODUCING LNG FROM METHANE CONTAINING SYNTHETIC GAS

Title (de)  
HERSTELLUNG VON LNG AUS METHANHALTIGEM SYNTHESGAS

Title (fr)  
PRODUCTION DE GNL À PARTIR DE GAZ DE SYNTHÈSE CONTENANT DU MÉTHANE

Publication  
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Application  
**EP 22181689 A 20220628**

Priority  
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Abstract (en)  
Described herein are methods and systems for producing liquefied natural gas (LNG) from a methane-containing synthetic gas (MCSG). An MCSG feed stream may be cooled and partially liquefied using one or more heat exchanger units. A first phase separator and a second phase separator in downstream fluid flow communication with the first phase separator may be used to separate the partially liquefied MCSG stream into a first residue gas stream and first and second feed streams, the first and second feed streams then being fed into a distillation column to produce an LNG stream and a second residue gas stream.

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