

Title (en)
PROCESS AND APPARATUS FOR CRYOGENIC SEPARATION OF AIR WITH MIXED GAS TURBINE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR KRYOGENEN LUFTTRENNUNG MIT EINER MISCHGASTURBINE

Title (fr)
PROCÉDÉ ET APPAREIL DE SÉPARATION CRYOGÉNIQUE D'AIR, À TURBINE À GAZ MIXTE

Publication
EP 4214456 A1 20230726 (EN)

Application
EP 21777405 A 20210909

Priority
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Abstract (en)
[origin: WO2022058043A1] In this process and apparatus for cryogenic separation of air, the separation column system comprises a high-pressure column (12), a low-pressure column (13) and a crude argon column (18). A mixed gas stream (73, 74) produced by mixing gaseous oxygen (72) and a gas stream (31, 71) from the evaporation space of the argon top condenser (21), is work expanded in a mixed gas turbine (75).

IPC 8 full level
F25J 3/00 (2006.01)

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KH MA MD TN

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