

Title (en)

INTEGRATED COLD STORAGE SYSTEM AND A METHOD FOR PERFORMING COLD STORAGE

Title (de)

INTEGRIERTES KÄLTESPEICHERSYSTEM UND VERFAHREN ZUR KÄLTESPEICHERUNG

Title (fr)

SYSTÈME DE STOCKAGE À FROID INTÉGRÉ ET PROCÉDÉ POUR RÉALISER UN STOCKAGE À FROID

Publication

**EP 4022231 A1 20220706 (EN)**

Application

**EP 20768282 A 20200827**

Priority

- EP 19194734 A 20190830
- EP 19209171 A 20191114
- EP 2020073973 W 20200827

Abstract (en)

[origin: WO2021037979A1] A Cold Storage System comprises: a compressor (12) for compressing and enabling a circulation of a heat transfer fluid (HTF); a condenser (13) with condenser unit (131) for cooling the compressed HTF and an expansion unit (132) for decreasing the pressure of the HTF, thereby further cooling the HTF; and a cold storage (14) with an integrated evaporator (145), the cold storage (14) is configure to store the coldness transferred by the HTF.

IPC 8 full level

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CPC (source: EP)

**F25B 7/00** (2013.01); **F25B 9/008** (2013.01); **F25B 2400/24** (2013.01); **F25B 2600/21** (2013.01)

Citation (search report)

See references of WO 2021037979A1

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