

Title (en)
Method and apparatus for generating cold

Title (de)
Verfahren und Vorrichtung zur Kältebereitstellung

Title (fr)
Procédé et dispositif pour la génération de froid

Publication
EP 1271075 B1 20080326 (DE)

Application
EP 02012634 A 20020606

Priority
DE 10129780 A 20010620

Abstract (en)
[origin: EP1271075A1] The method involves evaporating liquid nitrogen at sub-atmospheric pressure and finally heating and compressing the evaporated nitrogen. The evaporated nitrogen is first compressed and finally heated if appropriate. The evaporated nitrogen is compressed by a so-called cold compressor. AN Independent claim is also included for the following: a refrigeration arrangement.

IPC 8 full level
F25D 3/10 (2006.01); **F25B 9/02** (2006.01); **F25B 19/00** (2006.01); **H01L 39/04** (2006.01)

CPC (source: EP US)
F25D 3/10 (2013.01 - EP US)

Cited by
CN103459949A; EP2515057A1; EA014489B1; AP2686A; KR101457901B1; US8276384B2; WO2008009681A1

Designated contracting state (EPC)
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