

Title (en)

Low temperature freezing system, in particular for freezing, deep freezing and storing of food products

Title (de)

Tieftemperaturgefrieranlage, insbesondere für das Einfrieren, Tieffrieren und Lagern von Lebensmitteln

Title (fr)

Installation frigorifique basse température notamment pour la congélation, la surgélation et le stockage de produits, tels que des produits alimentaires

Publication

EP 1357338 B1 20061227 (FR)

Application

EP 03290827 A 20030402

Priority

FR 0204164 A 20020403

Abstract (en)

[origin: EP1357338A1] In a first phase a classic circuit which has a axial compressor, closed economizer and matched evaporator is used to freeze a fresh product to -18 degrees C. When the temperature has been attained the evaporator is automatically connected to the low pressure circuit of a booster - 65/- 20 degrees C and the compressor and economizer serve as a high pressure booster stage

IPC 8 full level

F25B 1/10 (2006.01)

CPC (source: EP)

F25B 1/10 (2013.01); **F25B 2400/13** (2013.01); **F25B 2400/23** (2013.01)

Cited by

CN114674090A; EP2198211A4; US7451617B2

Designated contracting state (EPC)

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EP 1357338 A1 20031029; EP 1357338 B1 20061227; AT E349660 T1 20070115; DE 60310636 D1 20070208; ES 2279076 T3 20070816; FR 2838180 A1 20031010; FR 2838180 B1 20061027

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