

Title (en)

APPARATUS AND METHOD FOR EXHAUSTING CRYOGEN FROM A FREEZER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ABLASSEN EINES KRYOGENS AUS EINEM GEFRIERGERÄT

Title (fr)

APPAREIL ET PROCÉDÉ POUR ÉVACUER UN CRYOGÈNE PROVENANT D'UN CONGÉLATEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3232142A1] In order to overcome the limitations and problems that earlier apparatus and methods have experienced, a freezer (10) for a product (18), in particular for a food product, is proposed, said freezer (10) comprising: - a housing having an internal space (14) with a processing atmosphere for reducing a temperature of the product (18); and - a pressure balance apparatus (12) in communication with the processing atmosphere to restrict atmosphere external to the freezer (10) from reaching the internal space (14), the pressure balance apparatus (12) comprising at least one sensor (44) exposed to the processing atmosphere for generating a first signal (45) indicating an amount of oxygen (O₂) sensed at the internal space (14), and a blower (46) disposed to direct a pressurized flow of the processing atmosphere to the internal space (14) responsive to the first signal (45). A related method is also provided.

IPC 8 full level

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