

Title (en)

QUICK FREEZER FOR FOOD PRODUCTS IN BULK WITH FLUIDISATION AND TRANSFER SYSTEM

Title (de)

GEFRIEREINRICHTUNG FÜR NAHRUNGSMITTEL IN LOSER SCHÜTTUNG MIT VERWIRBELUNGS- UND FÖRDERVORRICHTUNG

Title (fr)

SURGELATEUR POUR PRODUITS ALIMENTAIRES EN VRAC AVEC SYSTEME DE FLUIDISATION ET DE TRANSFERT

Publication

**EP 0965022 A1 19991222 (FR)**

Application

**EP 98902048 A 19980109**

Priority

- FR 9800031 W 19980109
- FR 9700352 A 19970109

Abstract (en)

[origin: FR2758181A1] The invention concerns a quick freezer for food products in bulk by transfer through it, comprising an elongated table for receiving and transferring (2) the products, open-worked and permeable to air, and means for blowing chilled air provided beneath said table (2) and diffusing air through this table (2) for quick freezing the products and gradually moving them towards the downstream end of said table. The invention is characterised in that at least part of the blowing means or supplementary means (3) diffuse air jets (J) directed towards the table (2) and periodically moved with an oscillating motion, along a generally longitudinal direction relative to the table (2).

IPC 1-7

**F25D 13/06**; **F28C 3/16**; **A23L 3/36**

IPC 8 full level

**A23L 3/36** (2006.01); **F25D 13/06** (2006.01); **F28C 3/16** (2006.01)

CPC (source: EP)

**A23L 3/361** (2013.01); **F25D 13/067** (2013.01); **F28C 3/16** (2013.01); **F25D 2317/0661** (2013.01); **F25D 2400/30** (2013.01)

Citation (search report)

See references of WO 9830849A1

Designated contracting state (EPC)

BE CH DE DK ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)

**FR 2758181 A1 19980710**; **FR 2758181 B1 19990402**; AU 5869898 A 19980803; EP 0965022 A1 19991222; WO 9830849 A1 19980716

DOCDB simple family (application)

**FR 9700352 A 19970109**; AU 5869898 A 19980109; EP 98902048 A 19980109; FR 9800031 W 19980109