

Title (en)

APPARATUS FOR CHILLING AND/OR FREEZING PRODUCTS

Title (de)

VORRICHTUNG ZUM KÜHLEN UND/ODER GEFRIEREN VON PRODUKTEN

Title (fr)

APPAREIL DE REFROIDISSEMENT OU/DE CONGÉLATION DE PRODUITS

Publication

**EP 3343140 B1 20220302 (EN)**

Application

**EP 17173701 A 20170531**

Priority

US 201662439537 P 20161228

Abstract (en)

[origin: EP3343140A1] In order to overcome the limitations and problems that earlier apparatus and methods have experienced, a cryogenic freezer apparatus (10) is proposed, said apparatus (10) comprising: - a housing (12); - a fluidized bed belt (14) movable within the housing (12); - a shroud (16) positioned within the housing (12) for providing a zone (18) above the belt (14), the shroud (16) angled outward (17) from the belt (14) within the housing (12); and - a least one blower (20) positioned within the housing (12) in fluid communication with the zone (18) and centrally located above the zone (18) and the shroud (16). A related method of moving cryogenic gas to a fluidized bed belt (14) in a freezer (10) is also proposed.

IPC 8 full level

**F25D 3/11** (2006.01); **F25D 13/06** (2006.01); **F25D 17/06** (2006.01)

CPC (source: EP)

**F25D 3/11** (2013.01); **F25D 13/06** (2013.01); **F25D 17/06** (2013.01); **F25D 2317/063** (2013.01); **F25D 2500/02** (2013.01)

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