

Title (en)

METHOD AND DEVICE FOR COOLING PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KÜHLEN VON PRODUKTEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR REFROIDIR DES PRODUITS

Publication

**EP 2095044 B1 20171122 (EN)**

Application

**EP 07851894 A 20071207**

Priority

- NL 2007050634 W 20071207
- EP 06077194 A 20061207
- EP 07075047 A 20070116
- EP 07851894 A 20071207

Abstract (en)

[origin: EP1930674A1] Method and device for cooling products like e.g. beverage cans etc. below the ambient temperature by means of a flow of cold air. The device comprises or cooperates with restricted rooms, called cocoons (5,11). Each cocoon is able to be or to become loaded with one or a number of the products (6) to be cooled. Detection means (7) are arranged for detecting the presence and/or load of each cocoon. Air flow control means (8,10) are arranged to restrict the flow of cold air only to cocoons which are loaded with at least one product to be cooled. A detection part (7) protrudes in the cocoon (5) or in an area (13) in which the cocoon (11) and/or product (6) may reside, and is connected with air flow control means (8,10) which are arranged to control the air flow per cocoon (5) or per area (13) in which the cocoon (11) and/or product (6) may reside.

IPC 8 full level

**F25D 17/04** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP)

**F25D 17/045** (2013.01); **F25D 31/007** (2013.01); **F25D 2317/0651** (2013.01); **F25D 2331/805** (2013.01); **F25D 2700/06** (2013.01)

Cited by

US2023003439A1; US12013174B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1930674 A1 20080611**; EP 2095044 A2 20090902; EP 2095044 B1 20171122; WO 2008069667 A2 20080612; WO 2008069667 A3 20080912

DOCDB simple family (application)

**EP 07075047 A 20070116**; EP 07851894 A 20071207; NL 2007050634 W 20071207