Title (en)
A CHILLING SYSTEM

Title (de)
KÜHLANLAGE

Title (fr)
SYSTÈME DE RÉFRIGÉRATION

Publication
EP 3098546 A1 20161130 (EN)

Application
EP 15200296 A 20151216

Priority
TR 201506252 A 20150525

Abstract (en)
The chilling system (S) designed to rapidly chill beverages in containers comprises a main chamber (C) including a compartment; a chilling unit (B) positioned in the compartment and a movement member (4), wherein the main chamber (C) comprises an outer body (A) forming the compartment and including, at one side thereof, an aperture (A1), and having, at the other side thereof, a rear cover (3) on which an air inlet (3a) is positioned for passage of air into the compartment, on which body an air outlet (A2) is positioned for air circulation inside the compartment; the chilling unit (B) is suitable for making rotational movement inside the compartment by means of the movement member (4), and comprises a lower chilling member (1) which contains a coolant that is in liquid phase and which is suitable for receiving the said container; an upper chilling member (2) which is connected with the lower chilling member (1) and which contains a coolant that is in liquid phase in the range of operation temperature of the freezing compartment; and a locking member (8) for securing the upper chilling member (2) in its position when the upper chilling member (2) is closed over the lower chilling member (1).

IPC 8 full level
F25D 3/10 (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP)
F25D 31/007 (2013.01); F25D 2331/805 (2013.01); F25D 2400/30 (2013.01)

Citation (applicant)
US 6314751 B1 20011113 - GJERSVIK GILBERT SEBASTIAN [US]

Citation (search report)
• [XI] US 6474093 B1 20021105 - FINK HARVEY S [US], et al
• [A] EP 2327944 A1 20110601 - TEX E G CO LTD [JP]
• [A] US 2002134091 A1 20020926 - MOLFESE PHILIP [US]
• [A] WO 2010132828 A1 20101118 - COOPER UNION FOR THE ADVANCEME [US], et al

Cited by
EP3572745A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3098546 A1 20161130

DOCDB simple family (application)
EP 15200296 A 20151216