

Title (en)

Cooling device for stabilising a container structure

Title (de)

Kühleinrichtung zum Stabilisieren einer Behältnisstruktur

Title (fr)

Dispositif de réfrigération pour stabiliser une structure de récipient

Publication

EP 2338830 B1 20170125 (DE)

Application

EP 10194464 A 20101210

Priority

DE 102009060655 A 20091222

Abstract (en)

[origin: EP2338830A2] The apparatus has a transport device for transporting containers. A filling device is provided for filling the containers. A tempering device i.e. cooling device, tempers a bottom area of the containers. The tempering device is arranged partially below the bottom area of the transported containers. The filling device is arranged partially above a mouth area of the transported containers. The tempering device is arranged on the apparatus so that tempering during or after the filling operation is possible. An independent claim is also included for a method for filling containers.

IPC 8 full level

B67C 3/14 (2006.01); **B67C 3/04** (2006.01)

CPC (source: EP US)

B67C 3/045 (2013.01 - EP US); **B67C 3/14** (2013.01 - EP US); **B67C 2003/226** (2013.01 - EP US)

Citation (opposition)

Opponent : KHS Corpoplast GmbH

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DE102019131242A1; EP2366657A3; DE102019131242B4

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

DOCDB simple family (publication)

EP 2338830 A2 20110629; EP 2338830 A3 20130102; EP 2338830 B1 20170125; CN 102115022 A 20110706; CN 102115022 B 20140813; DE 102009060655 A1 20110630; US 2011146837 A1 20110623; US 8573266 B2 20131105

DOCDB simple family (application)

EP 10194464 A 20101210; CN 201010590198 A 20101206; DE 102009060655 A 20091222; US 96334410 A 20101208