

Title (en)

DEVICE FOR SELECTIVELY REGULATING THE TEMPERATURE OF INDIVIDUAL CONTAINERS

Title (de)

VORRICHTUNG ZUM SELEKTIVEN TEMPERIEREN EINZELNER BEHÄLTNISSE

Title (fr)

DISPOSITIF POUR LA MISE EN EQUILIBRE DE TEMPERATURE SELECTIVE DE RECEPTACLES INDIVIDUELS

Publication

EP 1148948 A1 20011031 (DE)

Application

EP 00909146 A 20000204

Priority

- DE 19904716 A 19990205
- EP 0000899 W 20000204

Abstract (en)

[origin: DE19904716A1] The invention relates to a device (40) for selectively regulating the temperature of at least one container (3) of an aggregate (30) which represents a plurality of such containers (3). Said device comprises a receiving plate (1) for the container aggregate (30) which serves to maintain the container aggregate (30) at a predetermined temperature. The receiving plate (1) is provided with at least one opening through which one temperature-regulating element (2) is contacted with a container (3) whose temperature is to be regulated for the purpose of heat exchange. The container aggregate (30) and the one temperature-regulating element (2) can be moved relative towards one another. At least one additional cooling zone can be provided which dissipates the heat given off by the temperature-regulating element (2) that has not been used to regulate the temperature of the container (3).

IPC 1-7

B01L 3/00

IPC 8 full level

G01N 33/53 (2006.01); **B01L 7/00** (2006.01); **C12M 1/00** (2006.01); **C12M 1/38** (2006.01); **C12N 15/09** (2006.01); **F25D 11/00** (2006.01); **G01N 33/566** (2006.01); **G01N 35/00** (2006.01); **G01N 35/02** (2006.01); **G01N 37/00** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP)

B01L 7/52 (2013.01); **B01J 2219/00283** (2013.01); **B01J 2219/00308** (2013.01); **B01J 2219/00315** (2013.01); **B01J 2219/00495** (2013.01); **B01J 2219/00587** (2013.01); **B01J 2219/00718** (2013.01); **C40B 60/14** (2013.01)

Citation (search report)

See references of WO 0045953A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19904716 A1 20000831; EP 1148948 A1 20011031; JP 2002536155 A 20021029; WO 0045953 A1 20000810

DOCDB simple family (application)

DE 19904716 A 19990205; EP 0000899 W 20000204; EP 00909146 A 20000204; JP 2000597062 A 20000204