

Title (en)
STORAGE CONTAINER, TEMPERATURE-CONTROL DEVICE, METHOD FOR PRODUCING A STORAGE CONTAINER, AND TEMPERATURE-CONTROL METHOD

Title (de)
SPEICHERBEHÄLTER, TEMPERIERVORRICHTUNG, VERFAHREN ZUM HERSTELLEN EINES SPEICHERBEHÄLTERS UND TEMPERIERVERFAHREN

Title (fr)
RÉCIPIENT DE STOCKAGE, DISPOSITIF D'ÉQUILIBRAGE DE TEMPÉRATURE, PROCÉDÉ DE FABRICATION D'UN RÉCIPIENT DE STOCKAGE ET PROCÉDÉ D'ÉQUILIBRAGE DE TEMPÉRATURE

Publication
EP 3589880 A2 20200108 (DE)

Application
EP 18712510 A 20180226

Priority
• DE 102017203462 A 20170302
• EP 2018054714 W 20180226

Abstract (en)
[origin: CA3054496A1] The aim of the invention is to provide a storage container which is easy to produce and has an optimized inner structure. In order to achieve said aim, it is proposed that the storage container comprises the following: an outer wall which surrounds an interior space of the storage container; one or more receiving tubes arranged in the interior of the storage container for receiving a storage material; a storage connection, by means of which a storage region, which is arranged within the one or more receiving tubes, is accessible from outside of the storage container; and/or a distribution structure, by means of which a fluid-effective connection between the storage connection and the storage region within the one or more receiving tubes is produced, wherein a) the outer wall and/or b) the one or more receiving tubes and/or c) the storage connection and/or d) the distribution structure are produced in common in one piece and/or in a single method step, for example in a 3D printing method or in an extrusion process.

IPC 8 full level
F17C 11/00 (2006.01)

CPC (source: EP KR)
F17C 11/005 (2013.01 - EP KR); **F17C 13/04** (2013.01 - KR); **F17C 2203/0646** (2013.01 - KR); **F17C 2205/0142** (2013.01 - KR); **F17C 2205/0323** (2013.01 - KR); **F17C 2221/012** (2013.01 - KR); **F17C 2227/0135** (2013.01 - KR); **Y02E 60/32** (2013.01 - EP)

Citation (search report)
See references of WO 2018158203A2

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)
DE 102017203462 A1 20180906; CA 3054496 A1 20180907; EP 3589880 A2 20200108; JP 2020510170 A 20200402; JP 7021241 B2 20220216; KR 20190119062 A 20191021; WO 2018158203 A2 20180907; WO 2018158203 A3 20181025

DOCDB simple family (application)
DE 102017203462 A 20170302; CA 3054496 A 20180226; EP 18712510 A 20180226; EP 2018054714 W 20180226; JP 2019547421 A 20180226; KR 20197025326 A 20180226