

Title (en)

CONTAINER WITH A PRESSURE VESSEL FOR REGENERATING AND STORING TENNIS BALLS.

Title (de)

BEHÄLTER MIT DRUCKGEFÄSS ZUM REGENERIEREN UND LAGERN VON TENNISBÄLLEN.

Title (fr)

CONTENEUR EQUIPE D'UN VASE DE PRESSION POUR REGENERER ET STOCKER DES BALLE DE TENNIS.

Publication

EP 0636043 A1 19950201 (DE)

Application

EP 93907796 A 19930413

Priority

- DE 9300331 W 19930413
- DE 4212419 A 19920414

Abstract (en)

[origin: US5730286A] A container (1, 1', 28) has a pressure vessel for regenerating and storing tennis balls (21, 21') under a positive gas pressure, preferably a positive air pressure. The container has a bottom (3, 20, 35) and a pressure-tight lid (3', 4, 31, 31') with an inlet valve (24, 24') and a gas pump (8, 8', 34) linkable thereto. The gas pump (8) is constructively integrated inside the pressure vessel (2, 30, 30') or the container (1, 1', 28). A removable receptacle (12) made of several mutually detachable parts (13, 14) is inserted into the pressure vessel (2). The receptacle contains mutually separated recesses (15, 16) having substantially the size of tennis balls (21, 21') and interconnected by means of the inlet valve (24, 24') in such a way that gas can flow from one recess into another recess. The recesses (15, 16) are located within the parts (13, 14) that constitute the receptacle (12) and which make up chambers (15, 16) for tennis balls when the molds are aligned and assembled. An positive pressure may be applied on the tennis balls (21, 21') disposed in the chambers (15, 16) by means of the gas pump (8, 8'). A pressure relief valve (7, 7') and an outlet valve (6, 6') are integrated in the lid (3, 3') of the container and are in communication with the pressure vessel (2, 2') inside the container.

IPC 1-7

A63B 39/02

IPC 8 full level

A63B 47/00 (2006.01); **A63B 39/02** (2006.01)

CPC (source: EP US)

A63B 39/025 (2013.01 - EP US)

Cited by

CN112619099A; DE102011114480A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9320901 A1 19931028; AT E130521 T1 19951215; AU 3887493 A 19931118; AU 664892 B2 19951207; CA 2132443 A1 19931015; DE 4212419 A1 19931028; DE 4212419 C2 19940324; DE 59301016 D1 19960104; EP 0636043 A1 19950201; EP 0636043 B1 19951122; ES 2085772 T3 19960601; FI 944767 A0 19941011; FI 944767 A 19941011; HU 215763 B 19990201; HU 9402939 D0 19950228; HU T75141 A 19970428; JP H07507699 A 19950831; NO 306328 B1 19991025; NO 943862 D0 19941013; NO 943862 L 19941013; US 5730286 A 19980324

DOCDB simple family (application)

DE 9300331 W 19930413; AT 93907796 T 19930413; AU 3887493 A 19930413; CA 2132443 A 19930413; DE 4212419 A 19920414; DE 59301016 T 19930413; EP 93907796 A 19930413; ES 93907796 T 19930413; FI 944767 A 19941011; HU 9402939 A 19930413; JP 51790693 A 19930413; NO 943862 A 19941013; US 31879394 A 19941013