

Title (en)

TANK FOR ADMINISTERING FLOWABLE SUBSTANCES

Title (de)

RESERVOIR ZUM VERABREICHEN VON FLIESSFÄHIGEN SUBSTANZEN

Title (fr)

RESERVOIR POUR APPAUVRIR DES SUBSTANCES COULANTES

Publication

EP 1028689 A1 20000823 (DE)

Application

EP 98956915 A 19981116

Priority

- DE 19751406 A 19971114
- EP 9807292 W 19981116
- US 6734297 P 19971202

Abstract (en)

[origin: WO9925308A1] The invention relates to a tank (100) used to administer flowable substances, characterised in that (a) the tank (100) has flexible walls (2 & 3); (b) the walls of the tank are single-pieced or joined to each other; (c) the walls (2 & 3) of the tank form a closed container having at least one opening; (d) the walls of the tank (2 & 3) are partially joined to at least two flat vertical elements (6) which are separated from the walls of the of the tank in the fixed area of said walls (2 & 3); and (e) the opening (12) has one closure (13). At least parts of the walls of the tank (2 & 3) and/or vertical elements (6) are made of composite material and consist of (i) plastic laminate or (ii) at least one plastic laminate and an aluminium laminate whereby said laminates are joined to each other. Preferably, the tank is designed to receive contrast agents.

IPC 1-7

A61J 1/10

IPC 8 full level

A61J 1/00 (2006.01); **A61J 1/05** (2006.01); **A61J 1/10** (2006.01)

CPC (source: EP)

A61J 1/10 (2013.01)

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)

WO 9925308 A1 19990527; AT E239439 T1 20030515; AU 1338199 A 19990607; AU 741541 B2 20011206; BR 9814193 A 20000926; CA 2309840 A1 19990527; CA 2309840 C 20080429; CZ 20001762 A3 20000816; CZ 296418 B6 20060315; DK 1028689 T3 20030901; EP 1028689 A1 20000823; EP 1028689 B1 20030507; ES 2193584 T3 20031101; HU P0100081 A2 20010528; HU P0100081 A3 20010730; IL 136097 A0 20010724; IS 2249 B 20070615; IS 5472 A 20000426; JP 2001522708 A 20011120; KR 100561583 B1 20060320; KR 20010032086 A 20010416; NO 20002485 D0 20000512; NO 20002485 L 20000703; NO 320698 B1 20060116; PL 189428 B1 20050831; PL 340377 A1 20010129; PT 1028689 E 20030829; SK 285462 B6 20070201; SK 6692000 A3 20000912; TR 200001292 T2 20001023

DOCDB simple family (application)

EP 9807292 W 19981116; AT 98956915 T 19981116; AU 1338199 A 19981116; BR 9814193 A 19981116; CA 2309840 A 19981116; CZ 20001762 A 19981116; DK 98956915 T 19981116; EP 98956915 A 19981116; ES 98956915 T 19981116; HU P0100081 A 19981116; IL 13609798 A 19981116; IS 5472 A 20000426; JP 2000520743 A 19981116; KR 20007005210 A 20000513; NO 20002485 A 20000512; PL 34037798 A 19981116; PT 98956915 T 19981116; SK 6692000 A 19981116; TR 200001292 T 19981116