

Title (en)
DEVICE FOR DELIVERING FLUIDS, ESPECIALLY PRESSURISED MEDICATING FLUIDS

Title (de)
VORRICHTUNG ZUR AUSGABE VON FLUIDEN, BESONDERS ARZNEIFLUIDEN UNTER DRUCK

Title (fr)
DISPOSITIF APTE A DELIVRER DES FLUIDES, NOTAMMENT MEDICAMENTEUX SOUS PRESSION

Publication
EP 1851135 A1 20071107 (FR)

Application
EP 06709317 A 20060214

Priority

- FR 2006000338 W 20060214
- FR 0501511 A 20050215
- FR 0511571 A 20051115

Abstract (en)
[origin: WO2006087462A1] The invention relates to a device for delivering fluids, especially pressurised medicating fluids. Said device comprises a recipient (1) with a variable volume in the form of a pocket or a generally cylindrical bag with longitudinal folds (2), containing the pressurised fluid to be delivered and provided with a control C for opening a valve (15a, 15b) for delivering the liquid. The arrangement is provided inside a container (4) which is resistant to a high internal pressure, the volume inside said container between the wall and the recipient with a variable volume being filled with a neutral gas under a sufficient pressure to be able to exert on the recipient with a variable volume a pneumatic stress which is sufficient to enable the fluid contained in the recipient to be delivered when the valve enabling the delivery is actuated by the control C.

IPC 8 full level
B65D 83/00 (2006.01); **B67D 7/60** (2010.01)

CPC (source: EP US)
B65D 83/62 (2013.01 - EP US)

Citation (search report)
See references of WO 2006087462A1

Cited by
US10913836B2; US9409698B2; US10683159B2; US10239682B2; US10934076B2; US9758641B2; US10519297B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006087462 A1 20060824; AT E401259 T1 20080815; CA 2597693 A1 20060824; CA 2597693 C 20141007;
DE 602006001851 D1 20080828; EP 1851135 A1 20071107; EP 1851135 B1 20080716; EP 1851135 B2 20150812; EP 1851135 B8 20081001;
ES 2310909 T3 20090116; ES 2310909 T5 20151126; PL 1851135 T3 20090227; PL 1851135 T5 20151231; PT 1851135 E 20081028;
US 2008272145 A1 20081106

DOCDB simple family (application)
FR 2006000338 W 20060214; AT 06709317 T 20060214; CA 2597693 A 20060214; DE 602006001851 T 20060214; EP 06709317 A 20060214;
ES 06709317 T 20060214; PL 06709317 T 20060214; PT 06709317 T 20060214; US 81605306 A 20060214