Title (en)
METHOD FOR PRODUCTION OF A DEVICE DEFINING A VOLUME FOR RETAINING A FLUID OR A SENSITIVE MATERIAL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BEHÄLTERS ZUM EINSCHLIESSEN EINER FLÜSSIGKEIT ODER EINES EMPFINDLICHES MATERIALS

Title (fr)
PROCEDE DE FABRICATION D'UN DISPOSITIF DELIMITANT UN VOLUME POUR LE CONFINEMENT D'UN FLUIDE OU D'UNE MATIERE SENSIBLE

Publication
EP 1518144 A1 20050330 (FR)

Application
EP 03732553 A 20030610

Priority
- EP 03732553 A 20030610
- EP 0306024 W 20030610
- EP 02077493 A 20020621

Abstract (en)
[origin: EP1376209A1] Method for production of at least one device for defining a retention volume for a fluid or sensitive material has the following steps: forming of a structure with at least one divider on one for the substrates defining the fluid retention volume, bringing up of the second volume defining structure, introduction of a jointing compound into the gap defined by the lateral face of the divider and the two superimposed substrates until at least a part of the gap volume is filled by the compound and its solidification occurs to generate the sealing joint. An Independent claim is made for a device for delimiting a volume.

IPC 1-7
G02F 1/1339; G02F 1/1333

IPC 8 full level
B32B 1/00 (2024.01); **B81B 1/00** (2006.01); **F04B 43/04** (2006.01); **G02F 1/1333** (2006.01); **G02F 1/1339** (2006.01); **G09F 9/00** (2006.01)

CPC (source: EP KR US)
G02F 1/13 (2013.01 - KR); **G02F 1/1339** (2013.01 - EP US); **G02F 1/1341** (2013.01 - KR); Y10T 428/13 (2015.01 - EP US)

Citation (examination)
- JP S5380241 A 19780715 - SEIKO INSTR & ELECTRONICS
- US 5944934 A 19990831 - PARK KWAN-SUN [KR]
- US 6099672 A 20000808 - YAMAZAKI SHUNPEI [JP], et al
- See also references of WO 2004001493A1

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

DOCDB simple family (publication)
EP 1376209 A1 20040102; AU 2003238486 A1 20040106; CN 100483222 C 20090429; CN 1662845 A 20050831; EP 1518144 A1 20050330; HK 1077369 A1 20060210; JP 2005534953 A 20051117; KR 101029424 B1 20110414; KR 20050013229 A 20050203; US 2005174527 A1 20050811; US 2008218838 A1 20080911; US 7420648 B2 20080902; US 7671960 B2 20100302; WO 2004001493 A1 20031231

DOCDB simple family (application)
EP 02077493 A 20020621; AU 2003238486 A 20030610; CN 03814513 A 20030610; EP 0306024 W 20030610; EP 03732553 A 20030610; HK 05109269 A 20051020; JP 2004514680 A 20030610; KR 20047020846 A 20030610; US 12097608 A 20080515; US 51850004 A 20041220