

Title (en)
Safety drum with lid assembly

Title (de)
Sicherheitstrommel mit Deckelbaugruppe

Title (fr)
Tambour sécurisé avec ensemble de couvercle

Publication
EP 1918216 A3 20091118 (EN)

Application
EP 07254295 A 20071030

Priority
US 59334006 A 20061106

Abstract (en)
[origin: EP1918216A2] The drum assembly (100) comprises a drum (102) and a lid assembly (120) removably mounted to the drum. The drum can include a rim (104) defining an opening (106) for access to an interior storage area of the drum. The lid assembly (120) can include a band (122) for mounting the lid assembly to the drum, a cover (126) pivotally mounted to the band (122) via a hinge (124), and a rotary latch mechanism (128) for securing the cover in a closed position. The cover is movable between the closed position wherein the lid covers the opening and an open position in which the lid is pivoted away from the opening to allow access to the interior storage area. The rotary latch mechanism (128) can include a retention bar (142) mounted to one of the band (122) and the cover (126) and a rotary latch (140) mounted to the other of the band and the cover. The rotary latch (140) is configured to receive the retention bar (142) when the cover is closed to thereby secure the cover closed over the opening of the drum. The latch includes a trigger (200) that is moveable between a locked position in which the latch is locked and a released position in which the latch is unlocked.

IPC 8 full level
B65D 43/22 (2006.01); **B65D 53/02** (2006.01); **B65D 55/12** (2006.01)

CPC (source: EP US)
B65D 43/22 (2013.01 - EP US); **B65D 53/02** (2013.01 - EP US); **B65D 55/12** (2013.01 - EP US); **B65F 1/1615** (2013.01 - EP US); **B65F 1/1646** (2013.01 - EP US); **B65F 2001/1676** (2013.01 - EP US)

Citation (search report)

- [XY] US 5385258 A 19950131 - SUTHERLIN DAVID A [US]
- [Y] CH 118904 A 19270616 - PUENTER & CIE E [CH]
- [Y] CH 115018 A 19261001 - PUENTER & CIE E [CH]

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1918216 A2 20080507; **EP 1918216 A3 20091118**; AU 2007231701 A1 20080522; CA 2609465 A1 20080506; MX 2007013804 A 20090213; NZ 563028 A 20090626; US 2008105682 A1 20080508

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EP 07254295 A 20071030; AU 2007231701 A 20071030; CA 2609465 A 20071105; MX 2007013804 A 20071105; NZ 56302807 A 20071031; US 59334006 A 20061106