

Title (en)
Closure for a Barrel

Title (de)
Deckelfass

Title (fr)
Fermeture de tonneau

Publication
EP 1674404 A1 20060628 (DE)

Application
EP 05027053 A 20051210

Priority
DE 102004061651 A 20041222

Abstract (en)
The open top plastic vessel has a U-section clamping ring of metal for the fastening of the lid to the upper rim of the vessel. An annular bead (20) is formed on the connecting member (19) of the upper and lower leg (7,9) of the clamping ring and is orientated radially inwards. With the clamping ring closed, the annular bead acts in a positive locking manner on the outer edge (15) of the lid (4) to secure it on the upper rim (6) of the vessel. An engagement slot (21) is formed in the outer edge of the lid to accommodate the annular bead on the clamping ring.

IPC 8 full level
B65D 45/32 (2006.01); **B65D 45/04** (2006.01)

CPC (source: EP US)
B65D 45/32 (2013.01 - EP US)

Citation (search report)

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EP2151394A1; NL2001876C2

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)
EP 1674404 A1 20060628; EP 1674404 B1 20090506; AR 055548 A1 20070822; AT E430702 T1 20090515; AU 2005246982 A1 20060706; AU 2005246982 B2 20081009; BR PI0505589 A 20060912; CN 100590034 C 20100217; CN 1792734 A 20060628; DE 502005007234 D1 20090618; DK 1674404 T3 20090706; ES 2323133 T3 20090707; JP 2006193218 A 20060727; JP 4299830 B2 20090722; MX PA05014134 A 20060621; MY 143432 A 20110513; PL 1674404 T3 20090831; RU 2005140140 A 20070710; RU 2327618 C2 20080627; US 2006138140 A1 20060629; ZA 200509781 B 20060927

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EP 05027053 A 20051210; AR P050105396 A 20051221; AT 05027053 T 20051210; AU 2005246982 A 20051221; BR PI0505589 A 20051220; CN 200510131496 A 20051209; DE 502005007234 T 20051210; DK 05027053 T 20051210; ES 05027053 T 20051210; JP 2005367352 A 20051221; MX PA05014134 A 20051221; MY PI20055989 A 20051219; PL 05027053 T 20051210; RU 2005140140 A 20051221; US 31622605 A 20051222; ZA 200509781 A 20051202