

Title (en)
Cover for vessel with large opening

Title (de)
Deckel für Behälter mit grosser Öffnung

Title (fr)
Couvercle pour un recipient avec une grande ouverture

Publication
EP 1787721 B1 20100324 (EN)

Application
EP 05460032 A 20051118

Priority
EP 05460032 A 20051118

Abstract (en)
[origin: EP1787721A1] The object of this invention is a cover for a vessel with large opening, designed to close vessels in which fermentation process can be proceeded or various products can be stored. Cover according to the invention has on its circumference a ring (2) having inside a profiled border (3) and a cylindrical portion and a lip (5) situated in the proximity of the end of said cylindrical portion, and having, on cover closing surface (1) situated at the height selected according to the design, at least one hole (4), while, on the external side, having a flange (8) with an optional hole (11), and on the cover closing surface (1) having optional strengthening ribs (7) and/or other strengthening elements of any shape. Cover has a hole (4) in the closing surface, which is situated in the cover axis or outside the axis, where the hole is being shaped in form of short stub pipe of height according to the design needs, and the closing surface (1) is in flat, convex or concave form. Cover has the closing surface (1) covering the vessel opening which is situated at the height according to design needs.

IPC 8 full level
B01L 3/00 (2006.01); **B65D 51/14** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP)
B01L 3/508 (2013.01); **B65D 43/0222** (2013.01); **B65D 2231/022** (2013.01); **B65D 2543/00092** (2013.01); **B65D 2543/00296** (2013.01);
B65D 2543/00407 (2013.01); **B65D 2543/00842** (2013.01)

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 1787721 A1 20070523; EP 1787721 B1 20100324; AT E461744 T1 20100415; DE 602005020154 D1 20100506; PL 1787721 T3 20100831

DOCDB simple family (application)
EP 05460032 A 20051118; AT 05460032 T 20051118; DE 602005020154 T 20051118; PL 05460032 T 20051118