

Title (en)
Universal container for bulk cargoes

Title (de)
Universalbehälter für Schüttgut

Title (fr)
Réceptient universel pour marchandises en vrac

Publication
EP 2524878 A1 20121121 (EN)

Application
EP 12168170 A 20120516

Priority
UA A201106048 A 20110516

Abstract (en)
The device refers to the field of transportation and preservation of bulk cargoes such as bulk construction materials, raw materials for metallurgical industry, and comprises a tankage with a top loading opening and the bottom discharge opening, a force cage. As the force frame used sling construction, which is formed by sling traps with loops at the ends, crossing places of which form the bottom sling construction which is equipped with a detachable protective cover. Tankage is made as a liner, which is provided with protective tunnels with the possibility of placing sling traps on them, and the upper loading opening is made in the form of a sleeve, and bottom discharging opening is provided with loading and unloading valves, accordingly. With the liner connected to at least one force cross-ring with detachable connection. The device achieves the improving of the usability of the large-tonnage bulk cargoes.

IPC 8 full level
B65D 88/16 (2006.01)

CPC (source: EP)
B65D 88/1662 (2013.01); **B65D 88/1681** (2013.01)

Citation (applicant)
• RU 2228287 C1 20040510
• UA 72054 C2 20050117 - AKHUNDOV EMIL AKHMEDOVICH [RU], et al

Citation (search report)
• [Y] AU 2489684 A 19840830 - D & R TARPAULIN SERVICES PTY L
• [Y] WO 2008140172 A1 20081120 - GAMBO MATERIAL HANDLING BV [NL], et al
• [Y] FR 2876362 A1 20060414 - VILLON FRANCOIS NICOLAS JEAN [FR]
• [Y] DE 10297188 B4 20100128 - NEW TECHNOLOGY IN TRANSP [RU]

Cited by
DE102017125378A1; GB2565557A; WO2021223040A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2524878 A1 20121121; CZ 24909 U1 20130211; EA 023755 B1 20160729; EA 201200445 A1 20130130; RU 113724 U1 20120227; UA 98739 C2 20120611

DOCDB simple family (application)
EP 12168170 A 20120516; CZ 201226062 U 20120516; EA 201200445 A 20120406; RU 2011135237 U 20110823; UA A201106048 A 20110516