

Title (en)  
A MINE STORAGE AND HANDLING UNIT

Title (de)  
MINENLAGERUNGS- UND HANDHABUNGSEINHEIT

Title (fr)  
UNITÉ DE STOCKAGE ET DE MANUTENTION DE MINES

Publication  
**EP 3245124 A4 20180117 (EN)**

Application  
**EP 16737115 A 20160114**

Priority  
• FI 20150014 A 20150114  
• FI 2016000001 W 20160114

Abstract (en)  
[origin: WO2016113463A1] The current invention concerns arrangements for handling of mines. The invention provides a mine storage unit (100) comprising at least one pair of tracks (110) for attachment of mine sleds (120) and mines (130). The mine storage unit preferably also comprises a connector track element (220) for connecting the tracks in two mine storage units placed end-to-end. Such a mine storage unit allows for easy transportation, storage of mines, as well as for easy loading of mines on a ship.

IPC 8 full level  
**B63G 3/06** (2006.01); **B63G 6/00** (2006.01); **B64D 1/10** (2006.01); **B65D 88/12** (2006.01); **B65D 88/54** (2006.01); **F42B 22/00** (2006.01)

CPC (source: EP FI)  
**B63G 3/06** (2013.01 - EP FI); **B63G 6/00** (2013.01 - EP FI); **B65D 88/121** (2013.01 - FI); **B65D 88/54** (2013.01 - EP); **F42B 22/00** (2013.01 - FI); **F42B 39/28** (2013.01 - EP); **B65D 2590/0066** (2013.01 - EP)

Citation (search report)  
• [X] US 4923148 A 19900508 - FILLINGHAM JOHN F [GB], et al  
• [X] CN 2727103 Y 20050921 - CHINA INT MARINE CONTAINERS [CN]  
• [X] CN 102689752 A 20120926 - BEIJING INST SPACECRAFT SYSTEM ENGINEERING  
• [X] US 2004247422 A1 20041209 - NEUMANN KENNETH M [US], et al  
• [X] NL 8403373 A 19860203 - G B HOLST B V  
• [A] KR 20100033248 A 20100329 - KOREA OCEAN RES DEV INST [KR]  
• See references of WO 2016113463A1

Cited by  
WO2024079327A1

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)  
**WO 2016113463 A1 20160721**; AU 2016207935 A1 20170810; AU 2016207935 B2 20200924; CA 2973166 A1 20160721;  
CA 2973166 C 20211026; EP 3245124 A1 20171122; EP 3245124 A4 20180117; EP 3245124 B1 20190828; ES 2753160 T3 20200407;  
FI 126107 B 20160630; FI 20150014 A 20160630; SG 11201705535T A 20170830

DOCDB simple family (application)  
**FI 2016000001 W 20160114**; AU 2016207935 A 20160114; CA 2973166 A 20160114; EP 16737115 A 20160114; ES 16737115 T 20160114;  
FI 20150014 A 20150114; SG 11201705535T A 20160114