

Title (en)
LIFTING DEVICE FOR A SUBMARINE

Title (de)
HUBVORRICHTUNG FÜR EIN U-BOOT

Title (fr)
DISPOSITIF DE LEVAGE POUR SOUS-MARIN

Publication
EP 3271283 A1 20180124 (DE)

Application
EP 16705495 A 20160218

Priority
• DE 102015104137 A 20150319
• EP 2016053413 W 20160218

Abstract (en)
[origin: WO2016146334A1] The invention relates to a lifting device (1) for a submarine (100) for transporting a payload (2) along a lifting direction, said lifting device (1) comprising a first guide element (20) and a first lifting element (40), the first lifting element being moveably mounted on the first guide element along a lifting direction and the first lifting element and the first guide element are coupled together by mechanical means acting in the lifting direction, in particular a lifting cylinder.

IPC 8 full level
B66F 7/20 (2006.01); **B63G 8/00** (2006.01)

CPC (source: EP KR)
B63G 8/00 (2013.01 - KR); **B66F 7/20** (2013.01 - EP KR); **B66F 7/28** (2013.01 - KR); **B63G 8/00** (2013.01 - EP)

Citation (search report)
See references of WO 2016146334A1

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 2016146334 A1 20160922; DE 102015104137 A1 20160922; EP 3271283 A1 20180124; EP 3271283 B1 20200108; ES 2781453 T3 20200902; KR 102054056 B1 20191209; KR 20170134504 A 20171206

DOCDB simple family (application)
EP 2016053413 W 20160218; DE 102015104137 A 20150319; EP 16705495 A 20160218; ES 16705495 T 20160218; KR 20177030074 A 20160218