

Title (en)
LIFTING SYSTEM

Title (de)
HUBSYSTEM

Title (fr)
SYSTÈME DE LEVAGE

Publication
EP 2331395 A2 20110615 (DE)

Application
EP 09777497 A 20090728

Priority
• EP 2009005469 W 20090728
• DE 202008012355 U 20080917

Abstract (en)
[origin: US8596907B2] A lifting system for navigable watercraft or marine vessels for temporary stationary positioning of the vessel on a seabed includes supporting legs that may be lowered and raised, and a locking and braking device to provide a force locking engagement with the respective supporting leg. The lifting system also includes a hydro-mechanical device, combined with hydraulic devices, to allow a stationary position of a raised vessel and a lowering of the vessel during transition to a travelling position to be achieved.

IPC 8 full level
B63B 21/50 (2006.01); **E02B 17/02** (2006.01)

CPC (source: EP KR US)
B63B 21/50 (2013.01 - EP KR US); **B63B 35/00** (2013.01 - EP US); **B63B 35/44** (2013.01 - KR); **E02B 17/02** (2013.01 - KR); **E02B 17/021** (2013.01 - EP US); **E02B 17/0809** (2013.01 - EP US); **B63B 35/003** (2013.01 - EP US)

Cited by
CN102886655A

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2011206464 A1 20110825; **US 8596907 B2 20131203**; AT E544665 T1 20120215; CN 102271993 A 20111207; CN 102271993 B 20140820; DE 202008012355 U1 20081211; DK 2331395 T3 20120521; EP 2331395 A2 20110615; EP 2331395 B1 20120208; HK 1162421 A1 20120831; HR P20120282 T1 20120430; KR 101323207 B1 20131030; KR 20110084874 A 20110726; PL 2331395 T3 20120629; WO 2010031462 A2 20100325; WO 2010031462 A3 20101125

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US 200913061923 A 20090728; AT 09777497 T 20090728; CN 200980136590 A 20090728; DE 202008012355 U 20080917; DK 09777497 T 20090728; EP 09777497 A 20090728; EP 2009005469 W 20090728; HK 12103268 A 20120402; HR P20120282 T 20120329; KR 20117006143 A 20090728; PL 09777497 T 20090728