Title (en)
  Floatover arrangement and method

Title (de)
  Überfluss-Anordnung und Verfahren

Title (fr)
  Agencement de floatover et procédé

Publication
  EP 2397400 A3 20170809 (EN)

Application
  EP 11169986 A 20110615

Priority
  US 81555610 A 20100615

Abstract (en)
  [origin: EP2397400A2] An arrangement and method for restraining surge and sway of the barge during floatover of a topside onto a substructure. Roller bumpers provided on the substructure guide the barge during slot entry and exit without the use of secondary mooring lines and restrain sway at the floatover position. Dedicated vertical bearing surfaces are provided on the substructure at the entry to the slot. Resilient bumpers are provided on the barge. The resilient bumpers engage with the dedicated vertical bearing surfaces on the substructure and position the barge in the floatover position in the longitudinal direction. A tug boat tows the barge into the slot until the resilient bumpers engage the dedicated vertical bearing surfaces. The tug continues to pull throughout the floatover operation to hold the barge in the floatover position.

IPC 8 full level
  B63B 21/00 (2006.01); **B63B 59/02** (2006.01); **E02B 3/26** (2006.01); **E02B 17/00** (2006.01)

CPC (source: EP US)
  B63B 21/00 (2013.01 - EP US); **B63B 59/02** (2013.01 - EP US); **E02B 17/003** (2013.01 - EP US); E02B 2017/0039 (2013.01 - EP US); E02B 2017/0043 (2013.01 - EP US)

Citation (search report)
  • [X] US 5558468 A 19960924 - BARNETT JR ANDREW C [US], et al
  • [A] US 7287483 B2 20071030 - THOMPSON ALAN [US]
  • [A] US 6027287 A 20000222 - FALDINI ROBERTO [IT]
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  • [A] US 4607982 A 19860826 - BRASTED LEE K [US], et al

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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 2397400 A2 20111221; **EP 2397400 A3 20170809**; AU 2011202796 A1 20120112; AU 2011202796 B2 20120426; BR PI1103072 A2 20121120; BR PI1103072 B1 20201020; CN 102363440 A 20120229; MX 2011006274 A 20111214; MY 152785 A 20141128; SG 177093 A1 20120130; US 2011305522 A1 20111215

DOCDB simple family (application)
  EP 11169986 A 20110615; AU 2011202796 A 20110610; BR PI1103072 A 20110615; CN 201110212396 A 20110614; MX 2011006274 A 20110610; MY PI2011002665 A 20110610; SG 2011043346 A 20110613; US 81555610 A 20100615