

Title (en)

Method for installing an oil platform on a supporting structure offshore

Title (de)

Verfahren zur unterwasser Installation einer Ölplattform auf einer Tragekonstruktion

Title (fr)

Procédé pour installer le pont d'une plate-forme marine sur une structure support en mer

Publication

EP 0654564 B1 19971008 (FR)

Application

EP 94402388 A 19941024

Priority

FR 9312926 A 19931029

Abstract (en)

[origin: EP0654564A1] In this method for installing the deck (1) of an off-shore platform for a support structure (3) with the aid of a ballastable barge (2) and with the aid of several cylinder and a plunger-piston assemblies (14, 15), it is possible to avoid impacts between pistons (14) and support structure (3) and between the legs (6) of the deck (1) and the support structure (3), which impacts would be due to the vertical movements of the deck brought about by the swell during deck fitting operations, by providing in each leg (6), a low-pressure hydraulic fluid accumulator (17), it being possible for first means (24) to be operated in order to establish a two-way high-flow rate communication between the accumulator (17) and one chamber (16) of a cylinder (15), it being possible for second means (24) to be operated in order to establish a one-way high-flow rate communication from the accumulator (17) towards the chamber (16), and it being possible for third means (25, 35) to be operated in order to establish a low-flow rate communication between the chamber (16) and a hydraulic fluid reservoir (26). <IMAGE>

IPC 1-7

E02B 17/02; **E02B 17/00**

IPC 8 full level

E02B 17/04 (2006.01); **E02B 17/00** (2006.01); **E02B 17/02** (2006.01)

CPC (source: EP KR US)

E02B 17/00 (2013.01 - EP KR US); **E02B 17/024** (2013.01 - EP KR US); **E02B 2017/0047** (2013.01 - EP KR US)

Cited by

CN106826176A; CN102734617A; FR2744150A1; GR1006016B; US11035091B1; EP0821107A1; AU709768B2; US6027287A; FR2996892A1; US9708033B2; WO2014060363A1

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