

Title (en)

LIFTING DEVICE FOR INSTALLING AND SERVICING AN UNDERWATER POWER PLANT

Title (de)

HUBVORRICHTUNG FÜR DIE MONTAGE UND DEN SERVICE EINES UNTERWASSERKRAFTWERKS

Title (fr)

DISPOSITIF DE LEVAGE POUR LE MONTAGE ET LA MAINTENANCE D'UNE CENTRALE ÉLECTRIQUE SOUS-MARINE

Publication

EP 2297454 A1 20110323 (DE)

Application

EP 09776950 A 20090704

Priority

- EP 2009004830 W 20090704
- DE 102008032625 A 20080711

Abstract (en)

[origin: DE102008032625B3] The device has an immersion component (1) comprising a transverse centering device (9) and a gripping device (10). The transverse centering device laterally centers the immersion component relative to a turbine generator unit (2) by supporting at a supporting structure (4). The gripping device comprises movable clamping elements for detachably securing the turbine generator unit. The transverse centering device comprises movable enclosure elements arranged for enclosing a part of the supporting structure. An independent claim is also included for a method for lifting a turbine-generator unit of an underwater power plant from a supporting structure.

IPC 8 full level

F03B 13/26 (2006.01); **F03B 17/06** (2006.01)

CPC (source: EP KR US)

B63B 27/10 (2013.01 - EP US); **B63B 35/00** (2013.01 - EP KR US); **F03B 13/26** (2013.01 - KR); **F03B 13/264** (2013.01 - EP US); **F03B 17/061** (2013.01 - EP KR US); **E02B 2017/0091** (2013.01 - EP US); **F05B 2230/604** (2013.01 - EP US); **F05B 2230/6102** (2013.01 - EP US); **F05B 2240/97** (2013.01 - EP US); **F05B 2260/02** (2013.01 - EP US); **Y02E 10/20** (2013.01 - US); **Y02E 10/30** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP US)

Citation (search report)

See references of WO 2010003596A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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