

Title (en)
Power system for a floating vessel

Title (de)
Leistungssystem für ein Wasserfahrzeug

Title (fr)
Système électrique pour un navire flottant

Publication
EP 2799328 A1 20141105 (EN)

Application
EP 13166516 A 20130503

Priority
EP 13166516 A 20130503

Abstract (en)
A power system for a floating vessel is provided, in particular for a drilling vessel. The power system includes an external power feed connection (11) which is electrically connectable to an external power source which is external to the floating vessel, the external power feed connection being adapted to receive AC electric power from the external power source; a further power feed connection (15) adapted to receive AC electric power from a further power source; and a drive system (21, 22) for driving electric motors of the floating vessel, wherein the drive system comprises a DC-bus (40) and at least a first rectifier (31, 32) and a second rectifier (33, 34) which are configured to receive AC electric power and to provide DC electric power to the DC-bus (40).

IPC 8 full level
B63J 3/04 (2006.01)

CPC (source: EP)
B63J 3/04 (2013.01); **B63B 35/4413** (2013.01); **B63J 2003/002** (2013.01); **B63J 2003/043** (2013.01)

Citation (search report)

- [XII] WO 2009067722 A1 20090528 - LEGACY AUTOMATION POWER & DESI [US], et al
- [XI] WO 2008130968 A1 20081030 - GLACIER BAY INC [US], et al
- [A] US 2013029543 A1 20130131 - GJERPE PAUL FREDRIK [NO]

Cited by
US11390365B2

Designated contracting state (EPC)
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