

Title (en)

METHOD FOR DESIGN OF SUBSEA ELECTRICAL SUBSTATION AND POWER DISTRIBUTION SYSTEM

Title (de)

VERFAHREN ZUM ENTWURF EINER UNTERWASSER-UMSPANNSTATION UND STROMVERTEILUNGSSYSTEM

Title (fr)

PROCÉDÉ POUR PERMETTRE LA CONCEPTION D'UNE SOUS-STATION ÉLECTRIQUE SOUS-MARINE ET SYSTÈME DE DISTRIBUTION D'ÉLECTRICITÉ

Publication

**EP 2842205 A1 20150304 (EN)**

Application

**EP 13781321 A 20130419**

Priority

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- US 201361780459 P 20130313
- US 2013037453 W 20130419

Abstract (en)

[origin: WO2013163043A1] A subsea electrical subsystem and a power distribution utilizing the same. The electrical substation located subsea is electrically connected to AC power provided by a power generator located topside. The electrical substation comprises a plurality of circuit breakers and a circuit breaker operating system associated with each circuit breaker. The circuit breaker operating system is constructed and arranged to operate the associated circuit breaker and is operatively connected to at least one control module. The control modules are electrically connected to a DC power supply located topside.

IPC 8 full level

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